

February 9, 2000 3F0200-04

U. S. Nuclear Regulatory Commission

Attn: Document Control Desk Washington, DC 20555-0001

Subject:

Crystal River Unit 3 – 90-Day Inservice Inspection (ISI) Summary Report

Dear Sir:

Florida Power Corporation (FPC) is providing the 90-Day Inservice Inspection (ISI) Summary Report for Crystal River Unit 3 (CR-3) in the attached Enclosure. This report is being submitted in accordance with the requirements of the 1989 Edition of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, Article IWA-6000 with no Addenda.

CR-3 is currently in the Third Inspection Interval. This Summary Report addresses the ISI examinations and repairs/replacements from August 14, 1998 (beginning of the Third Interval), to the conclusion of Refuel Outage 11 on November 12, 1999.

This letter establishes no new regulatory commitments. If you have any questions regarding this submittal, please contact Mr. Sid Powell, Manager, Nuclear Licensing at (352) 563-4883.

Sincerely,

D. L. Roderick

Director, Nuclear Engineering & Projects

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Enclosure - Crystal River Unit 3 - 90-Day Inservice Inspection Summary Report

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Regional Administrator, Region II

NRR Project Manager Senior Resident Inspector

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ENCLOSURE

CRYSTAL RIVER UNIT 3

90-DAY INSERVICE INSPECTION

SUMMARY REPORT

3F0200-04

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CRYSTAL RIVER UNIT 3 90-DAY INSERVICE INSPECTION SUMMARY REPORT

3F0200-04

 Section 1, Refueling Outage RFO11 Summary Report Abstract

REFUELING OUTAGE RF011

SUMMARY REPORT ABSTRACT

INTRODUCTION:

The following report documents the American Society of Mechanical Engineers (ASME) Section XI Code, Inservice Inspection (ISI) Examinations and Repairs/Replacements performed from the beginning of the Third Inspection Interval (August 14, 1998) to the conclusion of Refuel Outage 11 (November 12, 1999). Refueling Outage 11 (RFO11) was the first outage for the Third Inspection Interval. Examinations, Repairs and Replacements performed during this time period satisfy the requirements of the ASME Section XI Code, 1989 Edition, without Addenda.

Nuclear Regulatory Commission (NRC) regulations (10CFR50.55a) require that ISI examinations be performed in accordance with the latest edition and addenda of the ASME Code, Section XI, incorporated by reference, 12 months prior to the start of the 120-month interval. This report documents the examination activities conducted during this period. The detailed records of these examinations are on file and available at the plant site for review. ASME Code Cases utilized by the Florida Power Corporation (FPC) during this period are documented within this report and have been approved for use either through inclusion in NRC Regulatory Guide 1.147, Revision 12 or by NRC approved Relief Requests.

EXAMINATIONS:

Components

A summary listing of examinations conducted on ASME Class 1, 2, and 3 components is provided in Attachment 1 to FORM NIS-1 Owner's Report for Inservice Inspections. These examinations were conducted in accordance with the 1989 Edition without Addenda of the ASME Code, Section XI.

Steam Generator Eddy Current Examinations

Eddy current examination was conducted on 100% of the tubes in-service in both steam generators during RFO11. A separate summary report for these examinations is submitted to the NRC as required in Improved Technical Specification 5.7.2.c. This report documents these examinations as part of the NIS-1 report only.

Snubbers

The Crystal River Unit 3 (CR-3) Snubber Inspection Program for the Third Inspection Interval implements the requirements of the 1989 Edition of the ASME Section XI Code with the 1988 Addenda to ASME/ANSI OM-1987, Part 4. Relief Request 98-001-SS, Revision 1, approved August 5, 1999, authorizes the use of an examination/testing snubber program based on a 24 month

outage cycle for refueling, and applicable examination/testing results to determine continued inspection cycles. The current CR-3 snubber population consists of 302 locations within the plant. This includes 53 Non-Safety Related and 249 Safety-Related/Safety-Significant snubber locations.

Non-Safety Related locations are not addressed by the ASME Section XI or OM-4 Code requirements. As such, they are not included as part of this report. These Non-Safety Related locations were inspected and documented under a separate Augmented Examination Scope in accordance with FPC procedure PM-111, titled "Check of Hydraulic Pipe Snubbers".

Safety-Related/Safety-Significant locations were re-evaluated for RFO11 by FPC Engineering, to include new thermal movement calculations and additional position setting information. The current snubber database was updated and all locations listed in implementing procedure SP-201 Revision 32, titled "Hydraulic Snubbers Visual Inspection". For RFO11 examination requirements, all Accessible and Inaccessible Safety-Related/Safety-Significant locations were considered as one population and are listed in Table 2.

Additionally for functional test sampling, snubbers have been identified as two (2) separate populations; small bore snubbers (further detailed as small/medium bore to help aid in Failure Mode Grouping) and large bore snubbers. The initial sample selection for these two populations was performed by generating a randomly selected representative sample of each configuration, operating environment, range of size and capacity of each type/group of snubber and are listed in Table 1.

Confirmation of Functional Operability:

The initial functional test scope was 10% of the four (4) large bore RCP snubbers and 10% of the two hundred and forty five (245) small-bore snubbers. For the large bore RCP snubbers this comprised one (1) initial sample and one (1) augmented sample. For the small-bore snubbers, 25 initial samples, 1 past failure and 6 augmented samples were performed.

All removed and tested snubbers had satisfactory/acceptable results. Therefore, no scope expansions were required (Table 1).

The functional testing was performed per FPC procedure SP-200, Revision 15, titled "Functional Testing of Hydraulic Snubbers". Additionally, snubbers re-installed into these locations had final As-Left and VT-3 visual inspections performed to verify that both the operability and installation were correct per the design drawings and to provide a pre-service baseline.

Confirmation of Visual Operability:

The required RFO11 Outage scope consisted of 100% Safety Related/Safety Significant As-Found visual inspections (249 snubbers) and the recording of all installation data and any unacceptable/unsatisfactory in-service and operability conditions.

All snubbers were inspected per FPC procedure SP-201, Revision 32, titled "Hydraulic Snubbers Visual Inspection" and reviewed and evaluated as satisfactory/acceptable by ISI/Engineering Programs and Design Engineering (Table 2).

Component Supports

There were one hundred and eight (108) component supports examined during RFO11 to meet the requirements of ASME Code, Section XI as modified by ASME Code Case N-491-1, "Alternative Rules for Examination of Class 1, 2, 3 and MC Component Supports of Light Water Cooled Power Plants." A summary listing of these exams is provided in Attachment 1 to FORM NIS-1 Owner's Report for Inservice Inspections.

Pressure Testing

There were two (2) Class 1, ten (10) Class 2, and four (4) Class 3 system pressure tests conducted to meet the ASME Section XI Code requirements as amended by ASME Code Case N-498-1 during RFO11. These are documented in Attachment 1 to FORM NIS-1 Owner's Report for Inservice Inspections. Pressure testing for applicable Repairs/Replacements of ASME Class 1 and 2 components are documented on the applicable NIS-2 form attached to this report. A summary listing of these Repairs/Replacements is provided in Table 3 of this abstract.

Repair and Replacement

There were twelve (12) ASME Class 1 and thirty-nine (39) ASME Class 2 Repairs/Replacements performed since the last summary report. A summary listing of these Repairs/Replacements is provided in Table 3 of this abstract. Additionally, the NIS-2 Owners Report of Repairs and Replacements documenting these Repairs/Replacements for ASME Class 1 and Class 2 components are included with this report.

Augmented Plan Examinations:

Two (2) High-Pressure Injection (HPI) nozzles and associated piping up to the first isolation valve were examined by both ultrasonic and radiographic techniques. These examinations were performed in accordance with Babcock & Wilcox Topical Report, "HPI/MU Nozzle Component Cracking." Additionally, 3 visual examinations were conducted on Inconel nozzles susceptible to intergranular attack. There were no detrimental conditions identified during these examinations.

CODE CASES and RELIEF REQUESTS:

This section documents all ASME Section XI Code Cases and NRC approved Relief Requests applicable to the reporting period.

Section XI Code Cases Used

Code Case N-416-1,	Alternative Rules for Hydrostatic Testing of Repair or Replacement of Class 2 Piping Section XI Division 1.
Code Case N-460,	Alternative Examination Coverage for Class 1 and 2 Welds.
Code Case N-461,	Alternative Rules for Piping Calibration Block Thickness.
Code Case N-463-1,	Evaluation Procedures and Acceptance Criteria for Flaws in Class 1 Ferritic Piping That Exceed the Acceptance Standards of IWB-3514.2.
Code Case N-457,	Qualification Specimen Notch Location for Ultrasonic Examination of Bolts and Studs Section XI, Division 1.
Code Case N-491-1,	Alternative Rules for Examination of Class 1, 2, 3, and MC Components Supports of Light Water Cooled Power Plants.
Code Case N-498-1,	Alternative Rules for 10 Year System Hydrostatic Testing for Class 1, 2, and 3 Systems.
Code Case N-508-1,	Rotation of Serviced Snubbers and Pressure Relief Valves for the Purpose of Testing.
Code Case N-509,	Alternative Rules for the Selection and Examination of Class 1, 2, and 3 Integrally Welded Attachments.
Code Case N-521,	Alternative Rules for Deferral of Inspections of Nozzle-to Vessel Welds, Inside Radius Sections, and Nozzle-to Safe End Welds of a Pressurized Water Reactor (PWR) Vessel.
Code Case N-522,	Pressure Testing of Containment Penetration Piping.
Code Case N-524,	Alternative Examination Requirements for Longitudinal Welds in Class 1 and 2 Piping.
Code Case N-533	Alternative Requirements for VT-2 Visual Examination of Class 1 Insulated Pressure-Retaining Bolted Connections.
Code Case N-598	Alternative Requirements to Required Percentages of Examinations.

Relief Requests

- 98-001-II Inside diameter Ultrasonic examination of the Core Flood Nozzles using enhanced UT as described in B&W Topical Reports BAW-2228-A and BAW-2228P.
- 98-002-II Surface Examination of Reactor Coolant Pump casing scroll welds. (RCP-1A only.)
- 98-003-II Alternate examination criteria for the Reactor Vessel Support Skirt. Perform limited VT-3 examination on 3 areas 120° apart on the inside surface.
- 98-004-II Alternate examination criteria for Control Rod Drive Mechanisms (CRDM), examination category B-O.
- 98-008-II Request to use the 1989 Addenda of ASME Section XI for examination category B-G-1 for the examination of reactor vessel closure nuts; Item B6.10.
- 98-009-II Request to use ASME Code Case N-598, Alternate Requirements to Required Percentages of Examinations.
- 98-010-II Request to use ASME Code Case N-508-1, Rotation of Serviced Snubbers and Pressure Relief Valves for the Purpose of Testing.
- 98-012-II Request for relief from performing the Code required VT-3 examination on metal containment seals and gaskets. (ASME Section XI, 1992 Edition)
- 98-013-II Request for relief from the provisions of Paragraph IWA-2300 in accordance with CP-189 as amended by ASME Section XI. (ASME Section XI, 1992 Edition)
- 98-014-II Request for relief from requirement to perform pre-service inspection of new paint or coatings.
- 98-015-II Request for relief from performing the Code required visual examination on paint or coatings prior to removal.
- 98-016-II Request for relief from performing the VT-2 visual examination in connection with system pressure testing following repair, replacement or modification under Article IWE-5000.
- 98-017-II Request for relief from the requirement of Paragraphs IWE-2420(b) and IWE-2420(c) to perform successive examinations of repairs.
- 98-018-II Request for relief from performing bolt torque or tension tests on bolted connections that have not been disassembled and reassembled during the inspection interval.
- 98-005-PT Request to use ASME Code Case N-533, Alternative Requirements for VT-2 Visual Examination of Class 1 Insulated Pressure-Retaining Bolted Connections.

- 99-001-RR Request for relief to allow continued operation of the RW system with a flaw that is non-compliant with the flaw acceptance criteria of IWB-3514-2 until a Code repair can be performed.
- 98-001-SS Request to use the 1988 Addenda to the 1987 ASME OM Code for definition of Examination Interval, Subsequent Examination Schedule and Examination Sample Size.

	TABLE 1 The Functional Testing						
Small-Boto	Kimijagas						
Line Type	Smubber Tag No.	Manufacturer	Model	Building	System	Test Plan	Test Result
Safety	DHR-31	Power Piping	PP 2X5	AB	DH	Initial Sample	SAT
Safety	MSH-207	ITT Grinnell	ITT 1.5X5	IВ	MS	Initial Sample	SAT
Safety	MSH-254	Power Piping	PP 1.5X5	IB	MS	Initial Sample	SAT
Safety	MSH-249	Power Piping	PP 1.5X5	IB	MS	Initial Sample	SAT
Safety	MSH-250	Power Piping	PP 1.5X5	IB	MS	Initial Sample	SAT
Safety	FWH-160	Power Piping	PP 2.5X5	IΒ	FW	Initial Sample	SAT
Safety	FWH-164	Power Piping	PP 2.5X5	IB	FW	Initial Sample	SAT
Safety	FWH-151	Power Piping	PP 2.5X5	IB	FW	Initial Sample	SAT
Safety	MSH-206	Power Piping	PP 2X5	IB	MS	Initial Sample	SAT
Safety Sig.	MSH-232	Power Piping	PP 5X5	IB	MS	Initial Sample	SAT
Safety	MUH-52	Power Piping	PP 1.5X5	RB	MU	Initial Sample	SAT
Safety	MSH-567U	Power Piping	PP 1.5X5	RB	MS	Initial Sample	SAT
Safety	MSH-575	Power Piping	PP 1.5X5	RB	MS	Initial Sample	SAT
Safety	MSH-567L	Power Piping	PP 1.5X5	RB	MS	Initial Sample	SAT
Safety	DHH-24	Power Piping	PP 2.5X5	RB	DH	Initial Sample	SAT
Safety	RCH-90	Power Piping	PP 2X5	RB	RC	Initial Sample	SAT
Safety	RCH-84	Power Piping	PP 2X5	RB	RC	Initial Sample	SAT
Safety	DHH-23	Power Piping	PP 4X5	RB	DH	Initial Sample	SAT
Safety	DHH-27	Power Piping	PP 4X5	RB	DH	Initial Sample	SAT
Safety	FWH-122	Power Piping	PP 5X5	RB	FW	Initial Sample	SAT
Safety	MSH-165	Power Piping	PP 5X5	RB	MS	Initial Sample	SAT
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Safety	RCH-29	Power Piping	PP 2X5	RB-2	RC	Initial Sample	SAT
Safety	RCH-78	Power Piping	PP 1.5X5	RB-2	RC	Initial Sample	SAT
Safety	RCH-69	Power Piping	PP 1.5X5	RB-2	RC	Initial Sample	SAT
Safety	DHH-20	Power Piping	PP 2.5X5	RB-2	DH	Initial Sample	SAT
Safety	MUH-40	Power Piping	PP 1.5X5	RB	MU	Past Failure	SAT
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Safety	RCH-531	ITT Grinnell	ITT 1.5X5	RB-2	RC	Augmented	SAT
Safety	DHH-36	Power Piping	PP 1.5X5	RB-2	DH	Augmented	SAT
Safety	RCH-71U	Power Piping	PP 2X5	RB-2	RC	Augmented	SAT
Safety	RCH-79	Power Piping	PP 1.5X5	RB-2	RC	Augmented	SAT
Safety	RCH-70	Power Piping	PP 1.5X5	RB-2	RC	Augmented	SAT
Safety	MSH-208	Power Piping	PP 2X5	IB	MS	Augmented	SAT

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Line Type	Snubber Tag No.	Manufacturer	Model	Building	System	Test Plan	Test Result
Safety	RCH-618	Paul Monroe	PP 14X4.3	RB-2	RC	Initial Sample	SAT
Safety	RCH-619	Paul Monroe	PP 14X4.3	RB-2	RC	Augmented	SAT

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Line No	Snubber Tag No.	Manufacturer	Model	Building	System	Test Plan	Test Results
Safety Sig.	ASH-585	Power Piping	PP 2X5	AB	AS	100% Visual	SAT
Safety	BSR-31	Power Piping	PP 2X5	AB	BS	100% Visual	SAT
Safety	BSR-35	Power Piping	PP 2X5	AB	BS	100% Visual	SAT
Safety	DCR-31	Power Piping	PP 1.5X5	AB	DC	100% Visual	SAT
Safety	DCR-33E	Power Piping	PP 1.5X5	AB	DC	100% Visual	SAT
Safety	DCR-33W	Power Piping	PP 1.5X5	AB	DC	100% Visual	SAT
Safety	DHH-661	Power Piping	PP 2X5	AB	DH	100% Visual	SAT
Safety	DHR-18	Power Piping	PP 2X5	AB	DH	100% Visual	SAT
Safety	DHR-21	Power Piping	PP 2X5	AB	DH	100% Visual	SAT
Safety	DHR-24L	Power Piping	PP 1.5X5	AB	DH	100% Visual	SAT
Safety	DHR-24U	Power Piping	PP 1.5X5	AB	DH	100% Visual	SAT
Safety	DHR-28A	Power Piping	PP 1.5X5	AB	DH	100% Visual	SAT
Safety	DHR-31	Power Piping	PP 2X5	AB	DH	100% Visual	SAT
Safety	DHR-37	Power Piping	PP 1.5X5	AB	DH	100% Visual	SAT
Safety	DHR-49	Power Piping	PP 1.5X5	AB	DH	100% Visual	SAT
Safety	SWR-18	Power Piping	PP 2X5	AB	sw	100% Visual	SAT
Safety	SWR-91	Power Piping	PP 2X5	AB	sw	100% Visual	SAT
Safety Sig.	ASH-813	ITT Grinnell	ITT 1.5X5	IB	AS	100% Visual	SAT
Safety	EFH-107	Power Piping	PP 1.5X5	IB	EF	100% Visual	SAT
Safety	EFH-108	Power Piping	PP 1.5X5	B	EF	100% Visual	SAT
Safety	EFH-109	Power Piping	PP 1.5X5	IВ	EF	100% Visual	SAT
Safety	EFH-110	Power Piping	PP 2X5	IB	EF	100% Visual	SAT
Safety	EFH-141	Power Piping	PP 1.5X5	IB	EF	100% Visual	SAT
Safety	EFH-143	Power Piping	PP 1.5X5	IВ	EF	100% Visual	SAT
Safety	EFH-144	Power Piping	PP 2X5	IB	EF	100% Visual	SAT

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Line No	Snubber Tag No.	Manufacturer	Model	Building	System	Test Plan	Test Results
Safety	EFH-92	Power Piping	PP 1.5X5	IB	EF	100% Visual	SAT
Safety	EFH-93	Power Piping	PP 1.5X5	IB	EF	100% Visual	SAT
Safety	EFH-94	Power Piping	PP 1.5X5	IB	EF	100% Visual	SAT
Safety	EFH-95	Power Piping	PP 2X5	IB	EF	100% Visual	SAT
Safety	FWH-138	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-139	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-140	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-141	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-142	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-143	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-144	Power Piping	PP 2.5X5	IВ	FW	100% Visual	SAT
Safety	FWH-145	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-146	Power Piping	PP 2.5X5	IВ	FW	100% Visual	SAT
Safety	FWH-147A	Power Piping	PP 4X5	ΙΒ	FW	100% Visual	SAT
Safety	FWH-148	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-149	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-150	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-151	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-152	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-153	Power Piping	PP 2.5X5	ΙΒ	FW	100% Visual	SAT
Safety	FWH-154	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-155	Power Piping	PP 2.5X5	ΙΒ	FW	100% Visual	SAT
Safety	FWH-156	Power Piping	PP 2.5X5	IΒ	FW	100% Visual	SAT
Safety	FWH-157	Power Piping	PP 2.5X5	ΙΒ	FW	100% Visual	SAT
Safety	FWH-158	Power Piping	PP 4X5	IB	FW	100% Visual	SAT
Safety	FWH-159	Power Piping	PP 2.5X5	IΒ	FW	100% Visual	SAT
Safety	FWH-160	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-161	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-162	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-163	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-164	Power Piping	PP 2.5X5	ΙΒ	FW	100% Visual	SAT
Safety	FWH-165	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-166	Power Piping	PP 2.5X5	ΙB	FW	100% Visual	SAT
Safety	FWH-167	Power Piping	PP 2.5X5	ΙΒ	FW	100% Visual	SAT
Safety	FWH-168	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-169	Power Piping	PP 2.5X5	IΒ	FW	100% Visual	SAT
Safety	FWH-170	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety	FWH-171	Power Piping	PP 2.5X5	IB	FW	100% Visual	SAT
Safety Sig.	MSH-117B	Power Piping	PP 5X15	IB	MS	100% Visual	SAT

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Line No	Snubber Tag No.	Manufacturer	Model	Building	System	Test Plan	Test Results
Safety Sig.	MSH-118A	Power Piping	PP 2.5X15	IB	MS	100% Visual	SAT
Safety Sig.	MSH-119A	Power Piping	PP 2.5X15	IB	MS	100% Visual	SAT
Safety Sig.	MSH-120A	Power Piping	PP 2.5X15	IB	MS	100% Visual	SAT
Safety Sig.	MSH-121A	Power Piping	PP 2.5X10	IB	MS	100% Visual	SAT
Safety Sig.	MSH-122A	Power Piping	PP 2.5X10	IB	MS	100% Visual	SAT
Safety	MSH-123A	Power Piping	PP 2.5X5	IB	MS	100% Visual	SAT
Safety	MSH-124A	Power Piping	PP 2.5X5	IB	MS	100% Visual	SAT
Safety	MSH-125A	Power Piping	PP 4X5	IB	MS	100% Visual	SAT
Safety	MSH-126	Power Piping	PP 4X5	IB	MS	100% Visual	SAT
Safety	MSH-128A	Power Piping	PP 2.5X5	IB	MS	100% Visual	SAT
Safety	MSH-205	Power Piping	PP 1.5X5	IB	MS	100% Visual	SAT
Safety	MSH-206	Power Piping	PP 2X5	В	MS	100% Visual	SAT
Safety	MSH-207	ITT Grinnell	ITT 1.5X5	В	MS	100% Visual	SAT
Safety	MSH-208	Power Piping	PP 2X5	IB	MS	100% Visual	SAT
Safety	MSH-209	Power Piping	PP 2X5	IB	MS	100% Visual	SAT
Safety	MSH-211	Power Piping	PP 1.5X5	IB	MS	100% Visual	SAT
Safety	MSH-212	Power Piping	PP 1.5X5	IB	MS	100% Visual	SAT
Safety	MSH-213	Power Piping	PP 2X5	IB	MS	100% Visual	SAT
Safety	MSH-214	Power Piping	PP 2X5	В	MS	100% Visual	SAT
Safety Sig.	MSH-227	Power Piping	PP 5X5	B	MS	100% Visual	SAT
Safety Sig.	MSH-231	Power Piping	PP 5X5	IB	MS	100% Visual	SAT
Safety Sig.	MSH-232	Power Piping	PP 5X5	IB	MS	100% Visual	SAT
Safety Sig.	MSH-240	Power Piping	PP 5X5	ΙΒ	MS	100% Visual	SAT
Safety	MSH-248	Power Piping	PP 1.5X5	IB	MS	100% Visual	SAT
Safety	MSH-249	Power Piping	PP 1.5X5	IB	MS	100% Visual	SAT
Safety	MSH-250	Power Piping	PP 1.5X5	IB	MS	100% Visual	SAT
Safety	MSH-251	Power Piping	PP 1.5X5	IB	MS	100% Visual	SAT
Safety	MSH-252	Power Piping	PP 1.5X5	IB	MS	100% Visual	SAT
Safety	MSH-253	Power Piping	PP 1.5X5	IB	MS	100% Visual	SAT
Safety	MSH-254	Power Piping	PP 1.5X5	IB	MS	100% Visual	SAT
Safety	MSH-255	Power Piping	PP 1.5X5	IB	MS	100% Visual	SAT
Safety Sig.	MSH-664	ITT Grinnell	ITT 1.5X5	IB	MS	100% Visual	SAT
Safety Sig.	MSH-665	ITT Grinnell	ITT 1.5X5	IB	MS	100% Visual	SAT
Safety Sig.	MSH-666	ITT Grinnell	ITT 1.5X5	IB	MS	100% Visual	SAT
Safety	BSH-14	Power Piping	PP 2X5	RB	BS	100% Visual	SAT
Safety	BSH-15	Power Piping	PP 2X5	RB	BS	100% Visual	SAT
Safety	BSH-19A	Power Piping	PP 2X5	RB	BS	100% Visual	SAT
Safety	CFH-12	Power Piping	PP 2.5X5	RB	CF	100% Visual	SAT
Safety	CFH-13	Power Piping	PP 2.5X5	RB	CF	100% Visual	SAT

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Line No	Snubber Tag No.	Manufacturer	Model	Building	System	Test Plan	Test Results
Safety	CFH-14	Power Piping	PP 2.5X5	RB	CF	100% Visual	SAT
Safety	DHH-17	Power Piping	PP 2.5X5	RB	DH	100% Visual	SAT
Safety	DHH-18	Power Piping	PP 2.5X5	RB	DH	100% Visual	SAT
Safety	DHH-19	Power Piping	PP 2.5X5	RB	DH	100% Visual	SAT
Safety	DHH-20	Power Piping	PP 2.5X5	RB	DH	100% Visual	SAT
Safety	DHH-23	Power Piping	PP 4X5	RB	DH	100% Visual	SAT
Safety	DHH-24	Power Piping	PP 2.5X5	RB	DH	100% Visual	SAT
Safety	DHH-25	Power Piping	PP 4X5	RB	DH	100% Visual	SAT
Safety	DHH-26H	Power Piping	PP 2.5X5	RB	DH	100% Visual	SAT
Safety	DHH-26V	Power Piping	PP 4X5	RB	DH	100% Visual	SAT
Safety	DHH-27	Power Piping	PP 4X5	RB	DH	100% Visual	SAT
Safety	FWH-122	Power Piping	PP 5X5	RB	FW	100% Visual	SAT
Safety	FWH-123	Power Piping	PP 5X5	RB	FW	100% Visual	SAT
Safety	FWH-124	Power Piping	PP 5X5	RB	FW	100% Visual	SAT
Safety	FWH-126	Power Piping	PP 2.5X5	RB	FW	100% Visual	SAT
Safety	FWH-127	Power Piping	PP 5X5	RB	FW	100% Visual	SAT
Safety	FWH-128	Power Piping	PP 5X5	RB	FW	100% Visual	SAT
Safety	FWH-129	Power Piping	PP 5X5	RB	FW	100% Visual	SAT
Safety	FWH-130	Power Piping	PP 5X5	RB	FW	100% Visual	SAT
Safety	FWH-131	Power Piping	PP 5X5	RB	FW	100% Visual	SAT
Safety	FWH-132	Power Piping	PP 5X5	RB	FW	100% Visual	SAT
Safety	MSH-139	Power Piping	PP 5X5	RB	MS	100% Visual	SAT
Safety	MSH-147	Power Piping	PP 5X5	RB	MS	100% Visual	SAT
Safety	MSH-149	Power Piping	PP 5X5	RB	MS	100% Visual	SAT
Safety	MSH-150	Power Piping	PP 5X5	RB	MS	100% Visual	SAT
Safety	MSH-156A	Power Piping	PP 5X5	RB	MS	100% Visual	SAT
Safety	MSH-159	Power Piping	PP 5X5	RB	MS	100% Visual	SAT
Safety	MSH-160	Power Piping	PP 5X5	RB	MS	100% Visual	SAT
Safety	MSH-161	Power Piping	PP 5X5	RB	MS	100% Visual	SAT
Safety	MSH-162	Power Piping	PP 5X5	RB	MS	100% Visual	SAT
Safety	MSH-163	Power Piping	PP 4X5	RB	MS	100% Visual	SAT
Safety	MSH-164	Power Piping	PP 5X5	RB	MS	100% Visual	SAT
Safety	MSH-165	Power Piping	PP 5X5	RB	MS	100% Visual	SAT
Safety	MSH-166	Power Piping	PP 4X5	RB	MS	100% Visual	SAT
Safety	MSH-167	Power Piping	PP 4X5	RB	MS	100% Visual	SAT
Safety	MSH-168	Power Piping	PP 5X5	RB	MS	100% Visual	SAT
Safety	MSH-169	Power Piping	PP 5X5	RB	MS	100% Visual	SAT
Safety	MSH-170	Power Piping	PP 5X5	RB	MS	100% Visual	SAT
Safety	MSH-243	Power Piping	PP 5X5	RB	MS	100% Visual	SAT

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			isual Ins	becrou	D		nation in
Line No	Snubber Tag No.	Manufacturer	Model	Building	System	Test Plan	Test Results
Safety	MSH-567L	Power Piping	PP 1.5X5	RB	MS	100% Visual	SAT
Safety	MSH-567U	Power Piping	PP 1.5X5	RB	MS	100% Visual	SAT
Safety	MSH-568L	Power Piping	PP 1.5X5	RB	MS	100% Visual	SAT
Safety	MSH-568U	Power Piping	PP 1.5X5	RB	MS	100% Visual	SAT
Safety	MSH-575	Power Piping	PP 1.5X5	RB	MS	100% Visual	SAT
Safety	MSH-576L	Power Piping	PP 1.5X5	RB	MS	100% Visual	SAT
Safety	MSH-576U	Power Piping	PP 1.5X5	RB	MS	100% Visual	SAT
Safety	MSH-581	Power Piping	PP 2X5	RB	MS	100% Visual	SAT
Safety	MUH-33	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-34	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-35	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-36	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-37	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-40	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-43	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-44	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-45A	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-46	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-47	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-48	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-49	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-52	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-53	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-81	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-82	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	MUH-83	Power Piping	PP 1.5X5	RB	MU	100% Visual	SAT
Safety	RCH-55	Power Piping	PP 2X5	RB	RC	100% Visual	SAT
Safety	RCH-58	Power Piping	PP 2X5	RB	RC	100% Visual	SAT
Safety	RCH-60	Power Piping	PP 2X5	RB	RC	100% Visual	SAT
Safety	RCH-84	Power Piping	PP 2X5	RB	RC	100% Visual	SAT
Safety	RCH-86	Power Piping	PP 2X5	RB	RC	100% Visual	SAT
Safety	RCH-89	Power Piping	PP 2X5	RB	RC	100% Visual	SAT
Safety	RCH-90	Power Piping	PP 2X5	RB	RC	100% Visual	SAT
Safety	SWH-483A	Power Piping	PP 1.5X5	RB	sw	100% Visual	SAT
Safety	CFH-15	Power Piping	PP 4X5	RB-2	CF	100% Visual	SAT
Safety	CFH-16	Power Piping	PP 2.5X5	RB-2	CF	100% Visual	SAT
Safety	CFH-17	Power Piping	PP 4X5	RB-2	CF	100% Visual	SAT
Safety	CFH-18	Power Piping	PP 2.5X5	RB-2	CF	100% Visual	SAT
Safety	CFH-19	Power Piping	PP 4X5	RB-2	CF	100% Visual	SAT

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			en Claus,		ic		34.5
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Line No	Snubber Tag No.	Manufacturer	Model	Building	System	Test Plan	Test Results
Safety	DHH-20	Power Piping	PP 2.5X5	RB-2	DH	100% Visual	SAT
Safety	DHH-21	Power Piping	PP 2.5X5	RB-2	DH	100% Visual	SAT
Safety	DHH-22A	Power Piping	PP 2.5X5	RB-2	DH	100% Visual	SAT
Safety	DHH-35	Power Piping	PP 1.5X5	RB-2	DH	100% Visual	SAT
Safety	DHH-36	Power Piping	PP 1.5X5	RB-2	DH	100% Visual	SAT
Safety	DHH-37	Power Piping	PP 1.5X5	RB-2	DH	100% Visual	SAT
Safety	DHH-38	Power Piping	PP 1.5X5	RB-2	DH	100% Visual	SAT
Safety	DHH-39	Power Piping	PP 1.5X5	RB-2	DH	100% Visual	SAT
Safety	EFH-27	Power Piping	PP 2.5X5	RB-2	EF	100% Visual	SAT
Safety	EFH-28	Power Piping	PP 2.5X5	RB-2	EF	100% Visual	SAT
Safety	FWH-125	Power Piping	PP 5X5	RB-2	FW	100% Visual	SAT
Safety	FWH-133	Power Piping	PP 5X5	RB-2	FW	100% Visual	SAT
Safety	MUH-32	Power Piping	PP 1.5X5	RB-2	MU	100% Visual	SAT
Safety	MUH-38A	Power Piping	PP 1.5X5	RB-2	MU	100% Visual	SAT
Safety	MUH-39	Power Piping	PP 1.5X5	RB-2	MU	100% Visual	SAT
Safety	MUH-41	Power Piping	PP 1.5X5	RB-2	MU	100% Visual	SAT
Safety	MUH-42	Power Piping	PP 1.5X5	RB-2	MU	100% Visual	SAT
Safety	MUH-50	Power Piping	PP 1.5X5	RB-2	MU	100% Visual	SAT
Safety	MUH-51	Power Piping	PP 1.5X5	RB-2	MU	100% Visual	SAT
Safety	MUH-80	Power Piping	PP 1.5X5	RB-2	MU	100% Visual	SAT
Safety	RCH-29	Power Piping	PP 2X5	RB-2	RC	100% Visual	SAT
Safety	RCH-47N	Power Piping	PP 2.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-47S	Power Piping	PP 2.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-48	Power Piping	PP 2.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-49A	Power Piping	PP 2.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-530	ITT Grinnell	ITT 1.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-531	ITT Grinnell	ITT 1.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-614	Power Piping	PP 14X4.3	RB-2	RC Pump	100% Visual	SAT
Safety	RCH-618	Power Piping	PP 14X4.3	RB-2	RC Pump	100% Visual	SAT
Safety	RCH-619	Power Piping	PP 14X4.3	RB-2	RC Pump	100% Visual	SAT
Safety	RCH-620	Power Piping	PP 14X4.3	RB-2	RC Pump	100% Visual	SAT
Safety	RCH-63	Power Piping	PP 2X5	RB-2	RC	100% Visual	SAT
Safety	RCH-64	Power Piping	PP 2X5	RB-2	RC	100% Visual	SAT
Safety	RCH-65	Power Piping	PP 1.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-66	Power Piping	PP 1.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-67	Power Piping	PP 1.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-68A	Power Piping	PP 1.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-69	Power Piping	PP 1.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-70	Power Piping	PP 1.5X5	RB-2	RC	100% Visual	SAT

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Line No	Snubber Tag No.	Manufacturer	Model	Building	System	Test Plan	Test Results
Safety	RCH-71L	Power Piping	PP 2X5	RB-2	RC	100% Visual	SAT
Safety	RCH-71U	Power Piping	PP 2X5	RB-2	RC	100% Visual	SAT
Safety	RCH-73	Power Piping	PP 1.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-74	Power Piping	PP 1.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-76	Power Piping	PP 1.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-77A	Power Piping	PP 1.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-78	Power Piping	PP 1.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-79	Power Piping	PP 1.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-80	Power Piping	PP 1.5X5	RB-2	RC	100% Visual	SAT
Safety	RCH-81	Power Piping	PP 1.5X5	RB-2	RC	100% Visual	SAT
Safety	SWH-493L	Power Piping	PP 1.5X5	RB-2	sw	100% Visual	SAT
Safety	SWH-493U	Power Piping	PP 1.5X5	RB-2	sw	100% Visual	SAT
Safety	SWR-423A	Power Piping	PP 1.5X5	RB-2	sw	100% Visual	SAT
Safety	SWR-425	Power Piping	PP 1.5X5	RB-2	sw	100% Visual	SAT
Safety	SWR-440	Power Piping	PP 1.5X5	RB-2	sw	100% Visual	SAT
Safety	FWH-178	Power Piping	PP 2.5X5	ТВ	FW	100% Visual	SAT
Safety Sig.	MSH-223	Power Piping	PP 5X15	TB	MS	100% Visual	SAT
Safety Sig.	MSH-224	Power Piping	PP 5X15	ТВ	MS	100% Visual	SAT
Safety Sig.	MSH-225	Power Piping	PP 5X15	ТВ	MS	100% Visual	SAT
Safety Sig.	MSH-226E	Power Piping	PP 4X5	ТВ	MS	100% Visual	SAT
Safety Sig.	MSH-226W	Power Piping	PP 4X5	ТВ	MS	100% Visual	SAT
Safety Sig.	MSH-228	Power Piping	PP 5X15	ТВ	MS	100% Visual	SAT
Safety Sig.	MSH-229	Power Piping	PP 5X10	ТВ	MS	100% Visual	SAT
Safety Sig.	MSH-230	Power Piping	PP 5X15	ТВ	MS	100% Visual	SAT
Safety Sig.	MSH-233	Power Piping	PP 5X5	ТВ	MS	100% Visual	SAT
Safety Sig.	MSH-234	Power Piping	PP 5X5	ТВ	MS	100% Visual	SAT
Safety Sig.	MSH-235	Power Piping	PP 5X5	ТВ	MS	100% Visual	SAT
Safety Sig.	MSH-237	Power Piping	PP 5X5	ТВ	MS	100% Visual	SAT
Safety Sig.	MSH-238	Power Piping	PP 5X5	ТВ	MS	100% Visual	SAT
Safety Sig.	MSH-239	Power Piping	PP 5X5	ТВ	MS	100% Visual	SAT

TABLES NISS OWNERS REPORT OF REPAIR OR REPEACEMENT

The following NIS-2 forms are attached in compliance with the requirements of Article IWA-6220 of ASME Section XI, 1989 Edition without Addenda.

Class 1 NIS-2 Reports

Work Request #	Description	Repaired / Replacement
356156	Snubber RCH-70 replaced due to seal life expiration	Replacement
356162	Snubber MUH-52 replaced due to seal life expiration	Replacement
356168	Snubber DHH-20 replaced due to seal life expiration	Replacement
356200	Snubber RCH-78/79 replaced due to seal life expiration	Replacement
356236	Snubber RCH-71U replaced due to seal life expiration	Replacement
356247	Snubber RCH-531 replaced due to seal life expiration	Replacement
356531	Snubber MUH-40 replaced due to seal life expiration	Replacement
357066	RCV-10 & RCV-11 replaced	Replacement
357141	RCV-8 replaced with refurbished spare	Replacement
357230	RCV-9 replaced with refurbished spare	Replacement
362717	CRDM @ core location K-11 replaced	Replacement
363883	Snubber RCH-69 replaced due to seal life expiration	Replacement

Class 2 NIS-2 Reports

Work Request #	Description	Repaired / Replacement
349118	Replaced studs and nut in DHV-7	Replacement
349119	Replaced bonnet studs on DHV-8	Replacement
352129	Replaced valve disc in MSV-26	Replacement
352985	Replaced valve disc in MUV-147	Replacement
355192	Replaced snubber at FWH-148 with S/N 740066	Replacement
356160	Replaced snubber at MSH-165 with S/N 720082	Replacement
356198	Replaced snubber at DHH-23 with S/N 740097	Replacement
356209	Replaced snubber at DHH-24 with S/N 720106	Replacement

TABLE 3

NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT

Class 2 NIS-2 Reports

Work Request #	Description	Repaired / Replacement
356218	Replaced snubber at DHH-27 with S/N 720103	Replacement
356224	Replaced snubber at FWH-122 with S/N 730020	Replacement
356230	Replaced snubber at MSH-567L with S/N 730227	Replacement
356232	Replaced snubber at MSH-575 with S/N 740087	Replacement
356237	Replaced snubber at MSH-567U with S/N 730226	Replacement
356379	Replaced snubber at DHR-31 with S/N 750078	Replacement
356381	Replaced snubber at FWH-160 with S/N 740067	Replacement
356385	Replaced snubber at FWH-164 with S/N 760007	Replacement
360472	Installed HPI system modification 97-02-12-02	Replacement
360473	Installed HPI system modification 97-02-12-03	Replacement
360474	Installed HPI system modification 97-02-12-04	Replacement
360475	Installed HPI system modification 97-02-12-01	Replacement
360477	Installed HPI system modification 97-02-12-01	Replacement
360542	Installed new support DHH-532 per MAR 98-12-04-01	Replacement
360549	Replace existing support at DHH-593	Replacement
360550	Installed new support DHH-537 per MAR 98-12-04-01	Replacement
360551	Installed new support DHH-682 per MAR 98-12-04-01	Replacement
360552	Installed new support DHH-532 per Mar 98-12-04-01	Replacement
360553	Installed new support DHH-54 per Mar 98-12-04-01	Replacement
360554	Installed new support DHH-52 per Mar 98-12-04-01	Replacement
360556	Installed new support DHH-552 per Mar 98-12-04-01	Replacement
360558	Installed new valve DHV-110 per Mar 98-12-04-01	Replacement
360559	Installed new valve DHV-111 per Mar 98-12-04-01	Replacement
360733	Fabricated HPI crossover subassemblies per MAR 97-02-12-01	Replacement
360734	Fabricated HPI crossover subassemblies per MAR 97-02-12-01	Replacement

TABLE 3 NIS-2 OWNER'S REPORT Class 2 NIS-2 REPAIR ORREPEACEMENT Class 2 NIS-2 Reports

Work Request #	Description	Repaired / Replacement
360983	Installed FWV-270 and adjacent piping per MAR 99-01-02-01	Replacement
360984	Installed FWV-269 and FWH-535 per MAR 99-01-02-01	Replacement
362226	Modified EFH-541 per MAR 99-01-02-01	Replacement
362490	Replaced snubber at FWH-151 with S/N 760006	Replacement
363055	Reinstalled section of hanger MUH-640 per MAR 97-02-12-01	Replacement
363093	Modified FWH-142 extension strut	Replacement

CRYSTAL RIVER UNIT 3 90-DAY INSERVICE INSPECTION SUMMARY REPORT

3F0200-04

 Section 2, Form NIS-1 Owner's Report for Inservice Inspections

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

(As required by the Provisions of the ASME Code Rules)

1. Owner Florida Power	r Corporation, P.O. Box 1	14042 St. Petersburg FL. 33733-404	12	
	(N	ame and Address of Owner)		
2. Plant Crystal River I	Unit 3, 15760 Power Line	Street, Crystal River Florida 34428-6	5708	
	(N	ame and Address of Plant)		
3. Plant Unit Crystal Ri	ver Unit 3	4. Owner Certificate of Authorization (if	required)	N/A
5. Commercial Service Date	03/13/1977	6. National Board Number for Unit		N/A
7. Components Inspected				
Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Babcock & Wilcox	620-0007-51-52	N/A	N-117
Pressurizer	Babcock & Wilcox	620-0007-59	N/A	N-118
Steam Generator A	Babcock & Wilcox	620-0007-55-1	N/A	N-119
Steam Generator B	Babcock & Wilcox	620-0007-55-2	N/A	N-120
RCP-1A	Byron Jackson	671-N-0530	N/A	N/A
Pipe Weld Examinations	(*)	N/A	N/A	N/A
Valve Examinations	(*)	N/A	N/A	N/A
Support Examinations	(*)	N/A	N/A	N/A
Containment Examinations	(*)	N/A	N/A	N/A

(*) SEE "ATTACHMENT 1" FOR APPLICABLE INFORMATION

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (Back)

8. Examination Dates 10/1/99	-		to <u>11/12/99</u>
9. Inspection Period Identification:	Period 1, 08/14/1998		to 12/13/2001
10. Inspection Interval Identification:	Interval 3, 08/14/1998		to 08/13/2008
11. Applicable Edition of Section XI	1989		Addenda N/A
12. Date/Revision of Inspection Plan:	07/13/1999, Revision 2		
Abstract of Examinations and Test Inspection Plan. See "ATTACHMENT 1" for the			a statement concerning status of work required for the tests.
14. Abstract of Results of Examination See "ATTACHMENT 1" for the		ns and pressure	e tests.
15. Abstract of Corrective Measures. See "ATTACHMENT 1" for the	e results of the examination	ns and pressure	e tests.
ASME Code, Section XI, and c) correctificate of Authorization No. (if ap	ective measures taken conform	n to the rules of	nations and tests meet the Inspection Plan as required by the the ASME Code, Section XI. Expiration Date By Stephen J. Roe
	CERTIFIC	ATE OF INSI	ERVICE INSPECTION
I, the undersigned, holding a valid comm	ission issued by the National Bo	ard of Boiler and P	ressure Vessel Inspectores and the State or provinces of
FLORIDA and	l employed by THE HARA	FOND STEAM	1 BOILEAL INSPECTION AND INSURANCE CO. of
HAMIFORD, CT			components described in this Owner's Report during the peroid
	2-3-00		he best of my knowledge and belief, the Owner has performed cordance with the inspection plan and as required by the ASME Code,
Section XI.			
By signing this certificate neither the Ins measures described in this Owner's Report damage or a loss of any kind arising from	rt. Furthermore, neither the Insp	ector nor his emplo	expressed or implied, concerning the examinations, tests, and corrective yer shall be liable in any manner for any personal injury or property
Sailor 1. black	ti	Commissions	FL 195
Inspector's Signature Date 2-8-00		Commissions -	FL 195 National Board, State, Province, and Endorsements



ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Reg.):

N/A

5. Commercial Service Date:

03/13/1977

6 National Board Number for Unit:

N/A

CLASS / EXAM CATEGORY / ITEM NUMBER: 1 / B-B / B2.11

Summary No.

Component ID MK6 TO 4

Component Description

Comments

B2.1.11A

Lower Head To Shell

Workscope: Exam Results: Report No.:

ISI

SAT

UT-99-005

CLASS / EXAM CATEGORY / ITEM NUMBER: 1 / B-B / B2.12

Summary No.

Component ID

Component Description

Comments

B2.1.8

MK40/41 TO 4 X AXIS

LS

LS

Workscope:

Exam Results:

Report No .:

SAT

UT-99-008

Summary No.

Workscope:

Component ID

Component Description

Comments

B2.1.9

MK40/41 TO 4 Y AXIS

ISI

Exam Results: Report No.:

ISI

SAT

UT-99-010

CLASS / EXAM CATEGORY / ITEM NUMBER: 1 / B-D / B3,110

Summary No.

Component ID

Component Description

B2.2.6A

ISI

MK8 To 6 Surge Noz

N-S

Acceptable to ASME Section XI,1989 Edition w/o

Addenda, Para. IWB-3512.

Workscope:

Exam Results: **EVAL**

Report No.: UT-99-023

Evaluation Disposition: Acceptable

CLASS / EXAM CATEGORY / ITEM NUMBER:

Summary No.

Component ID

Component ID

Component ID

Component Description

Component Description

Comments

B2.2.6B

MK8 To 6 Surge Noz

NIR

Workscope:

Exam Results:

Report No.:

ISI

SAT

UT-99-025

1 / B-D / B3.130

1 / B-D / B3.140

1 / B-D / B3,120

Summary No.

CLASS / EXAM CATEGORY / ITEM NUMBER:

MK65-7 SG A Y-Z AXIS

N-HD

Comments

B3.2.2

Limited Examination, The tube sheet support skirt and nozzle configuration interfere with the scan paths.

Workscope:

SAT

Exam Results:

Exam Results:

Report No .: UT-99-106

Summary No.

CLASS / EXAM CATEGORY / ITEM NUMBER:

Component Description

Comments

B3.2.2.1

MK65-7 SG A Y-Z AXIS

NIR

Limited Examination. The tube sheet support skirt and nozzle configuration interfere with the scan paths.

Workscope:

SAT

Report No.:

ISI

UT-99-108

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. National Board Number for Unit:

N/A

CLASS / EXAM CATEGORY / ITEM NUMBER:

1 / B-E / B4.12

Summary No.

Component ID

Component Description

Comments

B1.5.1.00

CRDM Nozzle to Head

CRDM Nozzle Welds

Workscope:

Exam Results: Report No.:

SAT ISI

VT-99-126

CLASS / EXAM CATEGORY / ITEM NUMBER:

1 / B-E / B4.13

Comments

Summary No. B1.5.2.00

Component ID Incore Inst. Noz. Component Description

IIN-B

Workscope: Exam Results: Report No.:

ISI

SAT

VT-99-117

CLASS / EXAM CATEGORY / ITEM NUMBER: 1 / B-E / B4.20

Summary No.

Component ID

Component Description

Comments

B2.3.1

Top, Middle, Bottom

HTR C

Workscope:

Exam Results:

Report No.:

ISI

SAT

VT-99-022

CLASS / EXAM CATEGORY / ITEM NUMBER: 1 / B-F / B5.40

Summary No.

Component ID

Component Description

Comments

B4.1.9

MK8 TO 37

N-SE

Workscope:

SAT

Exam Results: Report No .:

ISI ISI SAT

UT-99-042 PT-99-011

CLASS / EXAM CATEGORY / ITEM NUMBER:

1 / B-G-1 / B6.180

Summary No.

Component ID

Component Description

Comments

B5.1.1

RC PU 3A1

STUD

Workscope: Exam Results: Report No.:

SAT

UT-99-083

CLASS / EXAM CATEGORY / ITEM NUMBER:

1 / B-G-1 / B6.200

Component Description

Comments

Summary No. B5.2.14

Component ID RC-PU-3A1

NUT

Workscope: Exam Results: Report No.:

SAT

VT-99-056

CLASS / EXAM CATEGORY / ITEM NUMBER:

SG A Insp. Cover

1 / B-G-2 / B7.30

Comments

B3.10.1

Component ID

Component Description UH BL.

Workscope:

Summary No.

Exam Results:

Report No.:

ISI

SAT

VT-99-050

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. National Board Number for Unit:

N/A

CLASS / EXAM CATEGORY / ITEM NUMBER:	1 / B-G-2 / B7.70

Summary No.

Component ID

Component Description

Comments

B6.9.15

ISI

ISI

MUV-42 MK-18

STUD\NUT

Workscope: Exam Results:

Report No .:

SAT

VT-99-008

Component ID

Summary No.

Component Description

Comments

B6.9.25

RCV-10

STUD\NUT

Workscope:

Exam Results:

Exam Results:

Report No .:

SAT VT-99-032

CLASS / EXAM CATEGORY / ITEM NUMBER: 1 / B-G-2 / B7.80

Summary No.

Component ID

Component Description

Component Description

Component Description

Comments

Comments

Comments

Comments

B1.11.12

CRDM HOLDOWN BOLTING (L-10)

CRDM HOLDOWN BOLTING (E-9)

BLT

BLT

Workscope: ISI

SAT

Report No.: VT-99-051

Summary No.

Component ID

B1.11.15

Exam Results: Report No.:

Workscope: ISI

SAT

VT-99-055

PSI

SAT

VT-99-071

Summary No.

B1.11.17

Component ID

CRDM HOLDOWN BOLTING (K-11)

BLT

Workscope:

Exam Results:

Report No.:

SAT

VT-99-054

Summary No.

Component ID

Component Description

B1.11.18

CRDM HOLDOWN BOLTING (M-9)

BLT

Workscope:

Exam Results: SAT

Report No .:

VT-99-053

Summary No.

Component ID

Component Description

Comments

B1.11.29

ISI

CRDM HOLDOWN BOLTING (M-5)

BLT

Workscope:

Exam Results:

Report No.:

VT-99-052

CLASS / EXAM CATEGORY / ITEM NUMBER: 1 / B-J / B9.11

Summary No.

Component ID

Component Description

Comments

B4.1.11

MK25 On MKA33 Surge

N-SE

Workscope: Exam Results: Report No.: ISI SAT

PT-99-013 SAT UT-99-045 ISI



ATTACHMENT 1

Inservice Inspection Report
Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant: Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

OWN

SAT

UT-99-018

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. Natio	onal Board Numb	er for Unit:	N/A		
Summary No.	Com	ponent ID	Component Description	Comments	
B4.1.65		49 TO MK53	P-E		
Workscope:	Exam Results:	Report No.:			
ISI	SAT	PT-99-015			
ISI	SAT	UT-99-007			
Summary No.	Com	ponent ID	Component Description	Comments	
B4.5.132	DH-1	62	P-E		
Workscope:	Exam Results:	Report No.:			
OWN	SAT	UT-99-019			
Summary No.	Com	ponent ID	Component Description	Comments	
B4.5.222	MK4	3 TO MKA40	E-P		
Workscope:	Exam Results:	Report No.:			
ISI	SAT	UT-99-017		•	
ISI	SAT	MT-99-003			
Summary No.	Com	ponent ID	Component Description	<u>Comments</u>	
B4.5.249	25 T	O 85	SE-P		
Workscope:	Exam Results:	Report No.:			
ISI	SAT	UT-99-050			
ISI	SAT	PT-99-014			
Summary No.	Com	ponent ID	Component Description	Comments	
B4.5.254A	80 Te	O 37 WJ-3C	E-SE		
Workscope:	Exam Results:	Report No.:			
ISI	SAT	PT-99-012			
ISI	SAT	UT-99-051			
Summary No.	Com	oonent ID	Component Description	<u>Comments</u>	
B4.5.255	DH-1	26B	E-P		
Workscope:	Exam Results:	Report No.:			
OWN	SAT	UT-99-020			
Summary No.	-	onent ID	Component Description	<u>Comments</u>	
B4.5.257	DH-1	27C	E-P		
Workscope:	Exam Results:	Report No.:			
OWN	SAT	UT-99-021			
Summary No.		onent ID	Component Description	Comments	
B4.5.58	DH-1	63	PV		
Workscope:	Exam Results:	Report No.:			

ATTACHMENT 1

Inservice Inspection Report
Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

				•	
6. Nati	onal Board Numb	er for Unit:		N/A	
Summary No	Com	ponent ID		Component Description	Comments
B4.5.62	CF-7			V-P	
Workscope:	Exam Results:	Report No.:			
ISI	SAT	PT-99-019			
ISI	SAT	UT-99-028			
CLASS / E	XAM CATE	ORY / ITEM N	UMBER: 1	/ B-J / B9.21	
Summary No.	. Com	ponent ID		Component Description	<u>Comments</u>
B4.1.67	46 To	O 47 HPI		N-SE	
Workscope:	Exam Results:	Report No.:			
ISI	SAT	PT-99-004			
AUG	SAT	UT-99-035			
Summary No.	Comp	ponent ID		Component Description	Comments
B4.1.79	MK 4	6 TO 47 HPI		N-SE	
Workscope:	Exam Results:	Report No.:			

ISI	SA
AUG	SA
Summary No.	

AT PT-99-018

SAT UT-99-029

<u>Summary No.</u> **B4.5.151** Component ID MU-269B

MU-270D

Component Description

T-E

E-P

<u>Comments</u>

 Workscope:
 Exam Results:
 Report No.:

 AUG
 SAT
 UT-99-039

 ISI
 SAT
 PT-99-040

Summary No.

B4.5.152

B4.5.153

Component ID

Component Description

Comments

 Workscope:
 Exam Results:
 Report No.:

 ISI
 SAT
 PT-99-189

AUG SAT Summary No.

UT-99-102

Component Description

P-E

<u>Comments</u>

 Workscope:
 Exam Results:
 Report No.:

 ISI
 SAT
 PT-99-190

 AUG
 SAT
 UT-99-103

<u>Summary No.</u> **B4.5.155** Component ID

MU-432

Component ID

MU-270A

Component Description

Comments

 Workscope:
 Exam Results:
 Report No.:

 ISI
 SAT
 PT-99-016

 AUG
 SAT
 UT-99-014

P-P

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

ISI

SAT

PT-99-001

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. Natio	onal Board Numb	per for Unit:	N/A	
Summary No.	Con	nponent ID	Component Description Comments	
B4.5.156	MU-433		P-P	
Workscope:	Exam Results:	Report No.:		
AUG	SAT	UT-99-015		
ISI	SAT	PT-99-017		
Summary No.	Con	nponent ID	Component Description Comments	
B4.5.157	MU-	-273A	P-E	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	PT-99-008		
AUG	SAT	UT-99-022		
Summary No.	Com	nponent ID	Component Description Comments	
B4.5.158	MU-	435	E-P	
Workscope:	Exam Results:	Report No.:		
AUG	SAT	UT-99-001		
ISI	SAT	PT-99-005		
Summary No.	Com	nponent ID	Component Description Comments	
B4.5.159	MU-	-276A	E-P	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	PT-99-002		
AUG	SAT	UT-99-002		
Summary No.	<u></u>	ponent ID	Component Description Comments	
B4.5.371	M)-	91L	P-E	
Workscope:	Exam Results:	Report No.:		
isi	SAT	PT-99-009		
Summary No.	Com	ponent ID	Component Description Comments	
B4.5.372	WJ-	91M	E-P	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	PT-99-010		
Summary No.	Com	ponent ID	Component Description Comments	
B4.5.79.4	MU-	5	V-P	
Workscope:	Exam Results:	Report No.:		
AUG	SAT	UT-99-012		

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Reg.):

N/A

5. Commercial Service Date:

03/13/1977

6. National Board Number for Unit:

Exam Results:

N/A

Summary No.

Component ID

B4.5.79.5

MU-12

Component Description P-SE

Comments

Comments

Workscope: AUG

SAT

Report No .: UT-99-013

SAT

PT-99-003

Component ID MU-8

Component Description

P-SW

V-P

Workscope:

B4.5.84.2

Summary No.

Exam Results:

Report No .:

AUG ISI

ISI

SAT

SAT

UT-99-031

PT-99-020

Summary No.

Component ID

Component Description

Comments

B4.5.84.4

MU-14 Exam Results:

Report No .:

Workscope: ISI

SAT

PT-99-021

AUG SAT UT-99-032

CLASS / EXAM CATEGORY / ITEM NUMBER:

Component ID

Component Description

Comments

Comments

B4.5.590

Summary No.

RCP-1A Seal Cooler

P-E

1 / B-J / B9.40

Workscope: ISI

SAT

Exam Results: Report No .: PT-99-007

Summary No.

CLASS / EXAM CATEGORY / ITEM NUMBER:

Component ID

Component Description

B4.5.594

RCP-1A Seal Cooler

P-E

Workscope:

Exam Results:

Report No .: PT-99-006

SAT

1 / B-M-2 / B12.50A

Summary No.

Component ID

Component Description

Comments

B6.7.08

CFV-3

BOD

Workscope:

Exam Results:

Report No.: VT-99-063

SAT ISI

CLASS / EXAM CATEGORY / ITEM NUMBER:

1 / B-M-2 / B12.50C

Component Description

Summary No. B6.7.01

ISI

DHV-3

Component ID

BOD

Comments

Workscope:

Exam Results:

Report No .:

SAT

VT-99-057



ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

C. National Board Number Louis National Summary No. Summary No. Summary No. Noto Tube Ext./Cap Component Description Comments	5. Con	5. Commercial Service Date: 03/13/		13/1977	
Summary No. Component Description Comments	6. Nati	6. National Board Number for Unit:		N/A	
B118.3.12 Mortscorp Exam Results Report No. Is SAT PT-99-027 Component Description Is SAT PT-99-036 Component Description Is SAT PT-99-037 Component Description Is SAT PT-99-035 Component Description Is SAT PT-99-035 Component Description Is SAT PT-99-035 Component Description Comments Is SAT PT-99-035 Component Description Comments Is SAT PT-99-035 Component Description Comments Is SAT PT-99-036 Component Description Comments Comme				: 1 / B-O / B14.10	
Morisscope: Exam Results: Report No.; SI SAT PT-99-027 CRDM CR		Summary No. Component ID		Component Description	<u>Comments</u>
SAT	B1.18.3.12	8.3.12 Motor Tube Ext./Cap		CRDM	
Summary No. Component Description Comments	Workscope:	Exam Results:	Report No.:		
Note	ISI	SAT	PT-99-027		
Summary No. Sam Results Report No.: Summary No.	Summary No	. Con	nponent ID	Component Description	Comments
SAT	B1.18.3.15 Motor Tube Ext./Cap		CRDM		
Summary No. B1.18.3.17	Workscope:	Exam Results:	Report No.:		
No	ISI	SAT	PT-99-036		
No	Summary No.	. Con	nponent ID	Component Description	Comments
Sat			or Tube Ext./Cap	•	
Sat	Workscope	Exam Results:	Report No ·		
Summary No. Component ID Component Description Comments					and the second of the second o
B1.18.3.18				Component Description	Comments
Summary No. Component ID Component Description Comments					Gammento
SAT	144 1		-		
Summary No. B1.18.3.29 Component ID Motor Tube Ext./Cap Component Description CRDM Comments Workscope: ISI SAT PT-99-023 Exam Results: SAT PT-99-023 Report No.: SAT PT-99-023 Component Description CRDM Comments Entire CRDM Motor Housing was replaced with a spare Entire CRDM Motor Housing was replaced with a spare Entire CRDM Motor Housing has been replaced. Workscope: ISI EVAL PT-99-022 Evaluation Disposition: Rejectable CRDM Motor Housing has been replaced. Summary No. B1.18.4.15 Component ID Motor Ext Component Description CRDM Comments Workscope: ISI SAT PT-99-034 PT-99-034 Component Description CRDM Comments Summary No. B1.18.4.17 Component ID Motor Tube/Motor Ext Component Description CRDM Comments Workscope: Exam Results: Report No.: Report No.: CRDM Comments		•			
Morkscope: Exam Results: Report No.:					
Workscope: Exam Results: Report No.; ISI SAT PT-99-023 Summary No. Component ID Motor Tube/Motor Ext CRDM Entire CRDM Motor Housing was replaced with a spare Workscope: Exam Results: Report No.; EVAL PT-99-022 Evaluation Disposition: Rejectable CRDM Motor Housing has been replaced. Summary No. Component ID Component Description Comments B1.18.4.15 Motor Tube/Motor Ext CRDM Workscope: Exam Results: Report No.; ISI SAT PT-99-034 Summary No. B1.18.4.17 Motor Tube/Motor Ext Component Description Comments Comments Summary No. B1.18.4.17 Motor Tube/Motor Ext CRDM					<u>Comments</u>
Summary No. Component ID Component Description Comments	B1.18.3.29	Mot	or Tube Ext./Cap	CRDM	
Summary No. Component ID Component Description Comments B1.18.4.12 Motor Tube/Motor Ext CRDM Entire CRDM Motor Housing was replaced with a spare Workscope: Exam Results: Report No.: EVAL PT-99-022 Evaluation Disposition: Rejectable CRDM Motor Housing has been replaced. Summary No. Component ID Component Description Comments B1.18.4.15 Motor Tube/Motor Ext CRDM Workscope: Exam Results: Report No.: ISI SAT PT-99-034 Summary No. Component ID Component Description Comments B1.18.4.17 Motor Tube/Motor Ext CRDM	Workscope:	Exam Results:	Report No.:		
B1.18.4.12 Motor Tube/Motor Ext CRDM Entire CRDM Motor Housing was replaced with a spare Workscope: Exam Results: Report No.: CRDM Motor Housing has been replaced. Summary No. Component ID Component Description Comments B1.18.4.15 Motor Tube/Motor Ext CRDM Workscope: Exam Results: Report No.: ISI SAT PT-99-034 Summary No. Component ID Component Description Comments B1.18.4.17 Motor Tube/Motor Ext CRDM Workscope: Exam Results: Report No.:	ISI	SAT	PT-99-023		
Workscope: Exam Results: Report No.: ISI EVAL PT-99-022 Evaluation Disposition: Rejectable CRDM Motor Housing has been replaced. Summary No. Component ID Component Description B1.18.4.15 Motor Tube/Motor Ext CRDM Workscope: Exam Results: Report No.: ISI SAT PT-99-034 Summary No. Component ID Component Description Comments B1.18.4.17 Motor Tube/Motor Ext CRDM Workscope: Exam Results: Report No.:	Summary No.	. <u>Com</u>	ponent ID	Component Description	Comments
EVAL	B1.18.4.12	Mot	or Tube/Motor Ext	CRDM	Entire CRDM Motor Housing was replaced with a spare
Evaluation Disposition: Rejectable CRDM Motor Housing has been replaced. Summary No. B1.18.4.15	Workscope:	Exam Results:	Report No.:		
Summary No. Component ID Component Description Comments B1.18.4.15 Motor Tube/Motor Ext CRDM Workscope: Exam Results: Report No.: ISI SAT PT-99-034 Summary No. Component ID Component Description B1.18.4.17 Motor Tube/Motor Ext CRDM Workscope: Exam Results: Report No.:	ISI	EVAL	PT-99-022		
B1.18.4.15 Motor Tube/Motor Ext CRDM Workscope: Exam Results: Report No.: ISI SAT PT-99-034 Summary No. Component ID Component Description B1.18.4.17 Motor Tube/Motor Ext CRDM Workscope: Exam Results: Report No.:		Evaluation Disp	position: Rejectable	CRDM Motor Housing has been	n replaced.
Workscope: Exam Results: Report No.: ISI SAT PT-99-034 Summary No. Component ID Component Description Comments B1.18.4.17 Motor Tube/Motor Ext CRDM Workscope: Exam Results: Report No.:	Summary No.	. <u>Com</u>	ponent ID	Component Description	Comments
SAT	B1.18.4.15	Mot	or Tube/Motor Ext	CRDM	
Summary No. Component ID Component Description Comments B1.18.4.17 Motor Tube/Motor Ext CRDM Workscope: Exam Results: Report No.:	Workscope:	Exam Results:	Report No.:		
B1.18.4.17 Motor Tube/Motor Ext CRDM Workscope: Exam Results: Report No.:	ISI	SAT	PT-99-034		
Workscope: Exam Results: Report No.:	Summary No.	Com	ponent ID	Component Description	Comments
	B1.18.4.17	Mot	or Tube/Motor Ext	CRDM	
	Workscope:	Exam Results:	Report No.:		

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant: Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

CLASS / EXAM CATEGORY / ITEM NUMBER: 1 / B-P / B15.00.BP

Reactor Coolant Bolted Connections

Component ID

VT-99-015

Exam Results: Report No.:

3. Plant Unit:

Summary No.

B15.100.1

Workscope:

SAT

ISI

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. National Board Number for Unit:

N/A

o. Nau	onai boaid ivuinb	er for Onit.	IN/A	
Summary No.	Com	ponent ID	Component Description	Comments
B1.18.4.18	Moto	or Tube/Motor Ext	CRDM	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	PT-99-032		
Summary No.	Com	ponent ID	Component Description	<u>Comments</u>
B1.18.4.29	Moto	or Tube/Motor Ext	CRDM	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	PT-99-024		
Summary No.	Com	ponent ID	Component Description	Comments
B1.18.5.12	Moto	or Tube/Base	CRDM	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	PT-99-029		
Summary No.	Com	ponent ID	Component Description	Comments
B1.18.5.15	Moto	or Tube/Base	CRDM	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	PT-99-031		
Summary No.	Com	ponent ID	Component Description	Comments
B1.18.5.17	Moto	or Tube/Base	CRDM	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	PT-99-026		
Summary No.	Com	ponent ID	Component Description	Comments
B1.18.5.18	Moto	or Tube/Base	CRDM	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	PT-99-030		
Summary No.	Com	ponent ID	Component Description	Comments
B1.18.5.29	Moto	or Tube/Base	CRDM	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	PT-99-025		

Component Description

Reactor Vessel

Comments

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant: Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. National Board Number for Unit:

Exam Results:

N/A

Summary No.

Component ID

Component Description

B15.100.2

SP-204 Leakage Check

Reactor Vessel

Workscope: ISI

SAT

Report No .: VT-99-198

CLASS / EXAM CATEGORY / ITEM NUMBER: 1 / F-A / F1.10A

Summary No.

Component ID

Component Description

Comments

Comments

MUH-18

MUH-18

ROD

Report No.: Exam Results: Workscope:

ISI

SAT

VT-99-026

Summary No. **MUH-20**

Component ID

MUH-20

Component Description

ROD

Workscope:

Exam Results:

Report No.:

ISI Summary No.

SAT VT-99-029

Component Description

Comments

Comments

Comments

MUH-21

MUH-21

Component ID

ROD

Workscope:

SAT

Exam Results: Report No.:

Summary No.

VT-99-027

Component ID

Component Description

MUH-23

MUH-23

ROD

Exam Results:

Report No.:

Workscope: SAT VT-99-028 ISI

CLASS / EXAM CATEGORY / ITEM NUMBER: 1 / F-A / F1.10C

Summary No.

Component ID

Component Description

Comments

MUH-17

MUH-17

SPRING

Workscope:

Exam Results:

Report No .:

SAT

SAT

VT-99-023

Summary No.

Component ID

Component Description

Comments

MUH-27

MUH-27

SPRING

SNUBBER

Workscope:

Exam Results:

Report No.: VT-99-025

Summary No.

ISI

Component ID

Component Description

Comments

MUH-42

MUH-42

Workscope:

Exam Results: Report No .: SAT ISI VT-99-049

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner: Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant: Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

N/A

3. Plant Unit: **Crystal River Unit 3**

4. Owner Certificate of Authorization (If Req.):

5. Commercial Service Date: 03/13/1977

6. National Board Number for Unit:

N/A

Summary No.

Component ID

Component Description

Component Description

Comments

MUH-43

MUH-43

SNUBBER

Workscope: Exam Results: Report No.: SAT VT-99-068

CLASS / EXAM CATEGORY / ITEM NUMBER: 1 / F-A / F1.40

Component ID

Comments

DHH-43

DHH-43

RESTRAINT

Workscope:

Summary No.

Exam Results:

Report No .:

ISI SAT

VT-99-031

CLASS / EXAM CATEGORY / ITEM NUMBER: 2 / C-A / C1.30

Summary No.

Component ID

Component Description

Comments

C1.1.4

SG-B MK6 TO 50

LTS-S

P-V

Workscope: Exam Results: Report No.: SAT

ISI

UT-99-040

CLASS / EXAM CATEGORY / ITEM NUMBER: 2 / C-F-1 / AUG7.1

Summary No.

Component ID

Component Description

Comments

Comments

C2.1.2177

DH-85-160

Workscope:

PSI

Exam Results: SAT

Report No .: PT-99-187

PSI SAT UT-99-084

Summary No.

Component ID

Component Description

C2.1.2178

DH-85-161

Exam Results:

V-P

Workscope: PSI

SAT

Report No .: UT-99-085

PSI

SAT

PT-99-188

CLASS / EXAM CATEGORY / ITEM NUMBER: 2 / C-F-1 / C5.21

Summary No.

Component ID

Component Description

Comments

C2.1.2094

MU-85-667

P-E

Workscope: Exam Results: Report No .: PSI SAT

PSI

PT-99-042

SAT

UT-99-075

Component ID Summary No.

Component Description

Comments

C2.1.2097

MU-85-894

P-P

Workscope: Exam Results: Report No .: PSI SAT PT-99-045 PSI SAT UT-99-076

ATTACHMENT 1

Inservice Inspection Report
Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

2. Plant:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042 Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

5. Con	5. Commercial Service Date.		03/13/19//	
6. Nati	6. National Board Number for Unit:		N/A	
Summary No	o. Com	ponent ID	Component Description	Comments
C2.1.2098	MU-4	85-666	E-P	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	UT-99-077		
PSI	SAT	PT-99-046		
Summary No	mmary No. Component ID		Component Description	Comments
C2.1.2101	MU-8	85-701	P-E	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	UT-99-074		
PSI	SAT	PT-99-049		
Summary No	. Com	ponent ID	Component Description	Comments
C2.1.2106	MU-8	35-765	E-P	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	PT-99-054		
PSI	SAT	UT-99-063		
Summary No	. Com	ponent ID	Component Description	Comments
C2.1.2107	MU-8	35-766	P-E	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	UT-99-064		
PSI	SAT	PT-99-055		
Summary No	. Com	ponent ID	Component Description	Comments
C2.1.2131	MU-8	35-663	E-P	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	PT-99-077		
PSI		UT-99-086		
	SAT	01-99-000		
Summary No.		oonent ID	Component Description	Comments
<u>Summary No</u> C2.1.2136	. Com		Component Description P-V	Comments
•	. Com	oonent ID		Comments
C2.1.2136	. Comp	oonent ID 85-654		Comments
C2.1.2136 Workscope: PSI	. Comp MU-8 Exam Results:	ponent ID 85-654 Report No.:		Comments
C2.1.2136 Workscope: PSI PSI	<u>Comp</u> MU-8 <u>Exam Results:</u> SAT SAT	00000000000000000000000000000000000000		Comments
C2.1.2136 Workscope: PSI PSI Summary No.	Exam Results: SAT SAT Comp	Report No.: PT-99-080 UT-99-087	P-V	
C2.1.2136 Workscope:	Exam Results: SAT SAT Comp	Report No.: PT-99-080 UT-99-087	P-V Component Description	
C2.1.2136 Workscope: PSI PSI Summary No. C2.1.2137	Exam Results: SAT SAT . Comp	Report No.: PT-99-080 UT-99-087 Donent ID	P-V Component Description	

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. Nati	onal Board Numb	er for Unit:	N/A		
Summary No	. Com	ponent ID	Component Description	Comments	
C2.1.2138	MU-4	35-656	P-E		
Workscope:	Exam Results:	Report No.:			
PSI	SAT	UT-99-089			
PSI	SAT	PT-99-082			
Summary No.	Summary No. Component ID		Component Description	Comments	
C2.1.2140	C2.1.2140 MU-85-641		P-E		
Workscope:	Exam Results:	Report No.:			
PSI	SAT	UT-99-090			
PSI	SAT	PT-99-083			
Summary No.	Com	ponent ID	Component Description	Comments	
C2.1.2141	C2.1.2141 MU-85-6		E-P		
Workscope:	Exam Results:	Report No.:		•	
PSI	SAT	UT-99-091			
PSI	SAT	PT-99-084			
Summary No.	Com	oonent ID	Component Description	Comments	
C2.1.2142	C2.1.2142 MU-85-643		P-E		
Workscope:	Exam Results:	Report No.:			
PSI	SAT	PT-99-085			
PSI	SAT	UT-99-092			
Summary No.	Summary No. Component ID		Component Description	Comments	
C2.1.2143	C2.1.2143 MU-85-644		E-P		
Workscope:	Exam Results:	Report No.:			
PSI	SAT	UT-99-093			
PSI	SAT	PT-99-086			
Summary No.	Summary No. Component ID		Component Description	Comments	
C2.1.2144	C2.1.2144 MU-85-645		P-E		
Workscope:	Exam Results:	Report No.:			
PSI	SAT	UT-99-094			
PSI	SAT	PT-99-087			
Summary No.	Summary No. Component ID		Component Description	Comments	
C2.1.2145	C2.1.2145 MU-85-676		P-E		
Workscope:	Exam Results:	Report No.:			
PSI	SAT	PT-99-088			
PSI	SAT	UT-99-054			

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. National Board Number for Unit:

N/A

6. Natio	onal Board Numb	er for Unit:	N/A		
Summary No.	<u>Com</u>	ponent ID	Component Description	Comments	
C2.1.2146	MU-	85-677	E-P		
Workscope:	Exam Results:	Report No.:			
PSI	SAT	PT-99-089			
PSI	SAT	UT-99-055			
Summary No.	Com	ponent ID	Component Description	Comments	
C2.1.2147	MU-	85-678	P-E		
Workscope:	Exam Results:	Report No.:			
PSI	SAT	PT-99-090			
PSI	SAT	UT-99-056			
Summary No.	Com	ponent ID	Component Description	Comments	
C2.1.2148	MU-4	85-679	E-P		
Workscope:	Exam Results:	Report No.:			· · · · · · · · · · · · · · · · · · ·
PSI	SAT	PT-99-091			
PSI	SAT	UT-99-057			
Summary No.	Com	ponent ID	Component Description	Comments	
C2.1.2149 MU-85-680		85-680	P-E		
Workscope:	Exam Results:	Report No.:			
PSI	SAT	PT-99-092			
PSI	SAT	UT-99-052			
Summary No.	Com	ponent ID	Component Description	Comments	
C2.1.2150	MU-8	85-685	E-P		
Workscope:	Exam Results:	Report No.:			
PSI	SAT	PT-99-093			
PSI	SAT	UT-99-073			
Summary No.	Com	ponent ID	Component Description	Comments	
C2.1.2151	MU-8	35-827	P-E		
Workscope:	Exam Results:	Report No.:			
PSI	SAT	UT-99-072			
PSI	SAT	PT-99-094			
Summary No.	Comp	ponent ID	Component Description	Comments	
C2.1.2160	MU-8	35-762	E-P	_	
Workscope:	Exam Results:	Report No.:			
PSI	SAT	UT-99-066			
PSI	SAT	PT-99-101			

ATTACHMENT 1

Inservice Inspection Report
Interval 3 / Period 1 / Refuel Outage 11

Owner:
 Plant:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

Owner: Florida Power Corporation P.O. Ro

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

6. Nati	onal Board Numb	er for Unit:	N/A	
Summary No	Com	ponent ID	Component Description	Comments
C2.1.2161	MU-1	85-826	P-E	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	PT-99-102		
PSI	SAT	UT-99-067		
Summary No	. Com	ponent ID	Component Description	Comments
C2.1.2162	MU-8	35-695	P-V	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	PT-99-103		
PSI	SAT	UT-99-095		
Summary No.	. <u>Com</u>	ponent ID	Component Description	Comments
C2.1.2163	MU-8	35-725	P-T	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	UT-99-096		
PSI	SAT	PT-99-104		
Summary No.	Com	ponent ID	Component Description	Comments
C2.1.2164	MU-8	35-726	T-V	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	PT-99-105		
PSI	SAT	UT-99-097		
Summary No.	Comp	oonent ID	Component Description	Comments
C2.1.2166	MU-8	85-698	E-P	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	PT-99-107		
PSI	SAT	UT-99-068		
Summary No.	Comp	onent ID	Component Description	Comments
C2.1.2167	MU-8	5-699	P-E	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	PT-99-108		
PSI	SAT	UT-99-069		
Summary No.	Comp	onent ID	Component Description	Comments
C2.1.2168	MU-8	5-700	E-P	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	PT-99-109		
PSI	SAT	UT-99-070		

ATTACHMENT 1

Inservice Inspection Report
Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

2. Plant:

PSI

SAT

UT-99-059

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

5. Commercial Service Date:		Date:	03/13/1977	
6. Nati	onal Board Numb	er for Unit:	N/A	
Summary No	. Com	ponent ID	Component Description	Comments
C2.1.2169	MU-1	85-697	V-P	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	UT-99-071		
PSI	SAT	PT-99-110		
Summary No.	. Com	ponent ID	Component Description	Comments
C2.1.2173	MU-	85-696	P-V	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	PT-99-114		
PSI	SAT	UT-99-065		
Summary No.	. Com	ponent ID	Component Description	<u>Comments</u>
C2.1.2174	MU-8	85-732	Т-Р	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	UT-99-060		
PSI	SAT	PT-99-115		
Summary No.	. Com	ponent ID	Component Description	<u>Comments</u>
C2.1.2175	MU-8	35-733	P-V	Acceptable - Root Geometry
Workscope:	Exam Results:	Report No.:		
PSI	SAT	UT-99-061		
PSI	SAT	PT-99-116		
Summary No.	Com	ponent ID	Component Description	Comments
C2.1.2176	MU-8	35-734	V-P	Acceptable - Root Geometry
Workscope:	Exam Results:	Report No.:		
PSI	SAT	UT-99-062		
PSI	SAT	PT-99-117		
Summary No.	. <u>Com</u>	ponent ID	Component Description	Comments
C2.1.2199	MU-8	35-848	T-P	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	UT-99-058		
PSI	SAT	PT-99-132		
Summary No.	. Com	ponent ID	Component Description	Comments
C2.1,2200	MU-8	35-849	Р-Т	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	PT-99-133		

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

Owner:
 Plant:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit: Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

6. National Board Number for Unit: N/A Summary No. Component ID Component Description C2.1.2202 MU-85-843 P-V Workscope: Exam Results: Report No.: PSI SAT UT-99-098 PSI SAT PT-99-135 Summary No. Component ID Component Description P-P Workscope: Exam Results: Report No.: PSI SAT PT-99-137 PSI SAT PT-99-137 PSI SAT PT-99-137 PSI SAT UT-99-099 Summary No. Component ID Component Description Comments C2.1.2228 MU-85-809 P-E Workscope: Exam Results: Report No.: PSI SAT UT-99-099 Summary No. Component ID Component Description Comments C2.1.2228 MU-85-809 P-E Workscope: Exam Results: Report No.: PSI SAT PT-99-159 PSI SAT UT-99-100 Summary No. Component ID Component Description Comments Exam Results: Report No.: PSI SAT UT-99-100 Summary No. Component ID Component Description Comments E-P	
C2.1.2202 MU-85-843 P-V Workscope: Exam Results: Report No.; PSI SAT UT-99-098 PSI SAT PT-99-135 Summary No. Component ID Component Description C2.1.2204 MU-85-845 P-P Workscope: Exam Results: Report No.; PSI SAT PT-99-137 PSI SAT UT-99-099 Summary No. Component ID Component Description Comments C2.1.2228 MU-85-809 P-E Workscope: Exam Results: Report No.; PSI SAT PT-99-159 PSI SAT UT-99-100 Summary No. Component ID Component Description Comments Summary No. Component ID Component Description Comments E-P E-P Comments Comments	
Workscope: Exam Results: Report No.: PSI SAT UT-99-098 PSI SAT PT-99-135 Summary No. Component ID Component Description Comments Vorkscope: Exam Results: Report No.: P-P PSI SAT PT-99-137 PSI PSI SAT UT-99-099 UT-99-099 Summary No. Component ID Component Description Comments Vorkscope: Exam Results: Report No.: P-E Workscope: Exam Results: Report No.: P-E PSI SAT PT-99-159 PSI PSI SAT UT-99-100 Component Description Comments Summary No. Component ID Component Description Comments C2.1.2234 MU-85-815 E-P	
PSI SAT UT-99-098 PSI SAT PT-99-135 Summary No. Component ID Component Description Comments C2.1.2204 MU-85-845 P-P Workscope: Exam Results: Report No.: PSI SAT PT-99-137 PSI SAT UT-99-099 Summary No. Component ID Component Description C2.1.2228 MU-85-809 P-E Workscope: Exam Results: Report No.: PSI SAT PT-99-159 PSI SAT UT-99-100 Summary No. Component ID Component Description Comments C2.1.2234 MU-85-815 E-P	
PSI SAT UT-99-098 PSI SAT PT-99-135 Summary No. Component ID Component Description Comments C2.1.2204 MU-85-845 P-P Workscope: Exam Results: Report No.: PSI SAT PT-99-137 PSI SAT UT-99-099 Summary No. Component ID Component Description C2.1.2228 MU-85-809 P-E Workscope: Exam Results: Report No.: PSI SAT PT-99-159 PSI SAT UT-99-100 Summary No. Component ID Component Description Comments C2.1.2234 MU-85-815 E-P	
SAT	
C2.1.2204 MU-85-845 P-P Workscope: Exam Results: Report No.: PSI SAT PT-99-137 PSI SAT UT-99-099 Summary No. Component ID Component Description C2.1.2228 MU-85-809 P-E Workscope: Exam Results: Report No.: PSI SAT PT-99-159 PSI SAT UT-99-100 Summary No. Component ID Component Description Comments C2.1.2234 MU-85-815 E-P	
Workscope: Exam Results: Report No.: PSI SAT PT-99-137 PSI SAT UT-99-099 Summary No. Component ID Component Description Comments C2.1.2228 MU-85-809 P-E Workscope: Exam Results: Report No.: PSI SAT PT-99-159 PSI SAT UT-99-100 Summary No. Component ID Component Description Comments C2.1.2234 MU-85-815 E-P	
PSI SAT PT-99-137 PSI SAT UT-99-099 Summary No. Component ID Component Description Comments C2.1.2228 MU-85-809 P-E Workscope: Exam Results: Report No.: PSI SAT PT-99-159 PSI SAT UT-99-100 Summary No. Component ID Component Description Comments C2.1.2234 MU-85-815 E-P	
PSI SAT UT-99-099 Summary No. Component ID Component Description Comments C2.1.2228 MU-85-809 P-E Workscope: Exam Results: Report No.: PSI SAT PT-99-159 PSI SAT UT-99-100 Summary No. Component ID Component Description C2.1.2234 MU-85-815 E-P	
Summary No. Component ID Component Description Comments C2.1.2228 MU-85-809 P-E Workscope: Exam Results: Report No.: PSI SAT PT-99-159 PSI SAT UT-99-100 Summary No. Component ID Component Description C2.1.2234 MU-85-815 E-P	
C2.1.2228 MU-85-809 P-E Workscope: Exam Results: Report No.: PSI SAT PT-99-159 PSI SAT UT-99-100 Summary No. Component ID Component Description Comments C2.1.2234 MU-85-815 E-P	
Workscope: Exam Results: Report No.: PSI SAT PT-99-159 PSI SAT UT-99-100 Summary No. Component ID Component Description Comments C2.1.2234 MU-85-815 E-P	
PSI SAT PT-99-159 PSI SAT UT-99-100 Summary No. Component ID Component Description Comments C2.1.2234 MU-85-815 E-P	
PSI SAT UT-99-100 Summary No. Component ID Component Description Comments C2.1.2234 MU-85-815 E-P	
Summary No. Component ID Component Description Comments C2.1.2234 MU-85-815 E-P	
C2.1.2234 MU-85-815 E-P	
Warkeness From Beauthar Beneat No.	
Workscope: Exam Results: Report No.:	
PSI SAT UT-99-101	
PSI SAT PT-99-164	
Summary No. Component ID Component Description Comments	
C2.1.2235 MU-85-816 E-P	
Workscope: Exam Results: Report No.:	
PSI SAT UT-99-053	
PSI SAT PT-99-165	
Summary No. Component ID Component Description Comments	
C2.1.2238 MU-85-832 P-V	
Workscope: Exam Results: Report No.:	
PSI SAT UT-99-078	
PSI SAT PT-99-167	
Summary No. Component ID Component Description Comments	
C2.1.2239 MU-85-833 E-P	
Workscope: Exam Results: Report No.:	
PSI SAT PT-99-168	
PSI SAT UT-99-079	

C7.100.1

ISI

Workscope:

RCSG-1A

Report No.:

VT-99-119

Exam Results:

SAT

ATTACHMENT 1

Inservice Inspection Report
Interval 3 / Period 1 / Refuel Outage 11

1. Owner: Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042 2. Plant: Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708 3. Plant Unit: **Crystal River Unit 3** 4. Owner Certificate of Authorization (If Req.): N/A 5. Commercial Service Date: 03/13/1977 6. National Board Number for Unit: N/A Summary No. Component ID Component Description Comments C2.1.2240 MU-85-834 V-P Workscope: Exam Results: Report No .: PSI SAT UT-99-080 **PSI** SAT PT-99-169 Component ID Summary No. **Component Description** Comments C2.1.2241 MU-85-835 P-E Workscope: Exam Results: Report No .: PSI PT-99-170 SAT PSI SAT UT-99-081 Summary No. Component ID Component Description Comments C2.1.2242 MU-85-836 P-E Exam Results: Workscope: Report No.: PSI SAT PT-99-171 PSI SAT UT-99-082 CLASS / EXAM CATEGORY / ITEM NUMBER: 2 / C-F-2 / C5.51 Summary No. Component ID Component Description Comments FW-173B C2.1.148 E-P Indication located entirely outside of ASME XI examination boundary. However, this indication is Workscope: Exam Results: acceptable to ASME Section XI, 1989 Edition w/o Report No .: Addenda, Para. IWB-3514. ISI **EVAL** MT-99-001 Evaluation Disposition: Acceptable ISI SAT ET-99-001 Evaluation Disposition: Acceptable None ISI SAT UT-99-003 Summary No. Component ID Component Description Comments C2.1.424 FW-89FF E-P Workscope: Exam Results: Report No .: ISI SAT MT-99-002 ISI SAT UT-99-004 CLASS / EXAM CATEGORY / ITEM NUMBER: 2 / C-H / C7.00.CH Summary No. Component ID **Component Description** Comments

> Secondary Side of "A" Steam Generator

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

Owner:
 Plant:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

ISI

SAT

VT-99-115

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

6. Natio	onal Board Numb	er for Unit:	N/A	
Summary No.	Com	ponent ID	Component Description	Comments
C7.100.13	Syst	em Pressure Test	Multiple	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	VT-99-118		
Summary No.	Com	ponent ID	Component Description	Comments
C7.100.2	RCS	G-1B	Secondary Side of "B" Steam Generator	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	VT-99-112		
Summary No.	. <u>Com</u>	ponent ID	Component Description	Comments
C7.100.20	CFT	-1A	Core Flood Tank 1A	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	VT-99-125		
Summary No.	Com	ponent ID	Component Description	Comments
C7.100.3		G-1A	Secondary Side of "A" Steam Generator	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	VT-99-120		
Summary No.	No. Component ID		Component Description	Comments
C7.100.4		G-1B	Secondary Side of "B" Steam Generator	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	VT-99-113		
Summary No.		ponent ID	Component Description	Comments
C7.100.5	RCP	-1A	Reactor Coolant Pump 1A	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	VT-99-122		
Summary No.	Com	ponent ID	Component Description	Comments
C7.100.7	RCP	-1B	Reactor Coolant Pump 1B	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	VT-99-123		
Summary No.	Com	ponent ID	Component Description	Comments
C7.100.8	RCP		Reactor Coolant Pump 1C	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	VT-99-114		
Summary No.		oonent ID	Component Description	Comments
C7.100.9	RCP	-1D	Reactor Coolant Pump 1D	
Workscope:	Exam Results:	Report No.:	· -	
101				



ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Com	5. Commercial Service Date:			1977	
6. Natio	onal Board Num	ber for Unit:		N/A	
CLASS / E	CLASS / EXAM CATEGORY / ITEM NUMBER			2 / F-A / F1.20A	
Summary No.		mponent ID		Component Description	Comments
DHR-14	DH	R-14		RESTRAINT	
Workscope:	Exam Results	Report No.:			
ISI	SAT	VT-99-044			
Summary No.		mponent ID		Component Description	Comments
EFH-543	EF	H-543		STRUT	
Workscope:	Exam Results	: Report No.:			
ISI	SAT	VT-99-006			
Summary No.	<u>Co</u>	mponent ID		Component Description	Comments
MUH-1073	MU	IH-1073		SUPPORT	Acceptable by Evaluation
Workscope:	Exam Results	Report No.:			
PSI	SAT	VT-99-0324			
Summary No.	mary No. Component ID			Component Description	Comments
MUH-1080	080 MUH-1080			STRUT	Acceptable by Evaluation
Workscope:	Exam Results	Report No.:			
PSI	SAT	VT-99-0312			
Summary No.	Cor	mponent ID		Component Description	Comments
MUH-1082	MU	H-1082		SUPPORT	Acceptable by Evaluation
Workscope:	Exam Results	Report No.:			
PSI	SAT	VT-99-0313			
Summary No.	Cor	mponent ID		Component Description	Comments
MUH-526	MU	H-526		ROD	
Workscope:	Exam Results:	Report No.:			
ISI	SAT	VT-99-035			
Summary No.	Cor	mponent ID		Component Description	Comments
MUH-532	MU	H-532		ROD	
Workscope:	Exam Results:	Report No.:			
ISI	SAT	VT-99-036			
Summary No.		nponent ID		Component Description	Comments
MUH-535	MU	H-535		ROD	
Workscope:	Exam Results:	Report No.:			
ISI	SAT	VT-99-037			

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Reg.):

N/A

5. Commercial Service Date:

03/13/1977

6. National Board Number for Unit:

N/A

Summary No.

Component ID

Component Description

Comments

MUH-622

MUH-622

RESTRAINT

Workscope:

SAT

Report No.: VT-99-004

Summary No.

Component ID MUH-932

Component Description

Comments

MUH-932

RESTRAINT

Acceptable by Correction

Workscope: PSI

Exam Results:

Exam Results:

Report No.:

SAT

VT-99-0303

Report No .:

Component Description

Comments

Summary No. MUH-973

MUH-973

Component ID

RESTRAINT

Acceptable by Evaluation

Workscope:

PSI

ISI

Exam Results:

SAT

VT-99-0326 and VT-99-0356

Summary No.

Component ID

Component Description STRUT

Comments

SWR-244

SWH-244

Workscope:

Exam Results: SAT

Report No.:

VT-99-002

Summary No.

Component ID

Component Description

Comments

SWR-245

SWH-245

STRUT

2 / F-A / F1.20B

Workscope:

Exam Results: SAT

Report No.: VT-99-003

CLASS / EXAM CATEGORY / ITEM NUMBER:

Summary No.

Component ID

Component Description

Comments

MSH-221

MSH-221

GUIDE

Workscope:

ISI

Exam Results:

Report No.:

SAT

VT-99-033

Summary No.

Component ID

Component Description

Comments

MUH-1066

MUH-1066

RESTRAINT

Acceptable by Evaluation

Workscope:

PSI SAT

Exam Results: Report No .: VT-99-0309

Summary No.

Component ID

MUH-1067

Component Description RESTRAINT

Comments Acceptable by Evaluation

MUH-1067 Workscope:

PSI

Exam Results: SAT

Report No.:

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

Summary No.

MUH-1083

Workscope:

PSI

Component ID

Report No.:

VT-99-0322

MUH-1083

Exam Results:

SAT

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. Natio	onal Board Numb	per for Unit:	N/A	
Summary No.	. Com	ponent ID	Component Description	Comments
MUH-1068		I-1068	RESTRAINT	Acceptable by Correction
Workscope:	Exam Results:	Report No.:		
PSI	SAT	VT-99-0330		
Summary No.	. Com	ponent ID	Component Description	Comments
MUH-1069	MUI	1 -1069	RESTRAINT	Acceptable by Evaluation
Workscope:	Exam Results:	Report No.:		
PSI	SAT	VT-99-0318		
Summary No.	Com	ponent ID	Component Description	Comments
MUH-1070	MUI	1 -1070	RESTRAINT	Acceptable by Evaluation
Workscope:	Exam Results:	Report No.:		
PSI	SAT	VT-99-0319		
Summary No.	Com	ponent ID	Component Description	Comments
MUH-1071		1-1071	RESTRAINT	Acceptable by Evaluation
Workscope:	Exam Results:	Report No.:		
PSI	SAT	VT-99-0311		
			Commonant Description	Comments
Summary No. MUH-1072		ponent ID 1-1072	Component Description RESTRAINT	Comments Acceptable by Evaluation
WOT1-107 Z	WOI	I-107 Z	RESTRAINT	Acceptable by Evaluation
Workscope:	Exam Results:	Report No.:		
PSI	SAT	VT-99-0316		
Summary No.	Com	ponent ID	Component Description	<u>Comments</u>
MUH-1078	MUH	l-1078	SUPPORT	Acceptable by Evaluation
Workscope:	Exam Results:	Report No.:		
PSI	SAT	VT-99-0315 and VT-99-0359		
Summary No.	Com	ponent ID	Component Description	Comments
MUH-1079	мин	i-1079	SUPPORT	Acceptable by Evaluation
Workscope:	Exam Results:	Report No.:		
PSI	SAT	VT-99-0314 and VT-99-0360		
Summary No.	Com	ponent ID	Component Description	Comments
MUH-1081		I-1081	RESTRAINT	Acceptable by Evaluation
Morkosso:	Exam Results:	Poport No.		•
Workscope: PSI	SAT	Report No.: VT-99-0323		
1-01	SA I	v 1-33-U3Z3		

Component Description

RESTRAINT

Comments

Acceptable by Evaluation

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. National Board Number for Unit:

Summary No.

Component ID

Component Description

Comments

MUH-971

MUH-971

RESTRAINT

Acceptable by Evaluation

Workscope:

Exam Results: Report No.:

PSI

SAT

VT-99-0325 and VT-99-0355

Summary No.

Component ID

Component Description

Comments

MUH-972

MUH-972

RESTRAINT

Acceptable by Evaluation

Workscope:

ISI

Exam Results:

Report No .:

SAT

VT-99-062

PSI

SAT VT-99-0317

Summary No.

Component ID

Component Description

Comments

MUH-974

MUH-974

RESTRAINT

Acceptable by Evaluation

Workscope: PSI

Exam Results:

Report No .:

SAT

VT-99-0327

Component Description

Comments

Summary No. MUH-975

Component ID MUH-975

RESTRAINT

Acceptable by Evaluation

Workscope:

PSI

Exam Results:

Report No .:

Summary No.

Component ID

Component Description

Component Description

Comments

Comments

MUH-976

MUH-976

RESTRAINT

Acceptable by Evaluation

Workscope: PSI

Exam Results:

SAT

Report No.:

VT-99-0321

SAT

Report No .:

Summary No.

Component ID

RESTRAINT

Acceptable by Evaluation

MUH-977

Exam Results:

MUH-977

Component ID

Component ID

MUH-978

Workscope:

PSI

SAT

VT-99-0328 and VT-99-0358

VT-99-0329 and VT-99-0357

Component Description

Comments

Summary No. MUH-978

RESTRAINT

Acceptable by Evaluation

Workscope: Exam Results: PSI

Report No .:

VT-99-0320

CLASS / EXAM CATEGORY / ITEM NUMBER: 2 / F-A / F1.20C

Summary No.

SAT

Component Description

Comments

EFH-71

EFH-71

SPRING

Workscope: Exam Results: Report No.:

ISI

SAT

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner: Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

N/A

2. Plant: Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit: **Crystal River Unit 3**

4. Owner Certificate of Authorization (If Reg.):

03/13/1977 5. Commercial Service Date:

6. National Board Number for Unit: N/A

Summary No. Component ID **Component Description** Comments

MSH-126A MSH-126A **SNUBBER**

Workscope: Exam Results: Report No.: ISI SAT VT-99-024

SAT

Exam Results:

SAT

Workscope:

ISI

Summary No. Component ID Component Description Comments

MSH-165 MSH-165 **SNUBBER**

Workscope: Exam Results: Report No .:

VT-99-001 ISI Summary No. Component ID Component Description Comments

MUH-620 MUH-620 **SPRING**

Exam Results: Report No.: Workscope:

ISI SAT VT-99-005

Report No.:

VT-99-121

CLASS / EXAM CATEGORY / ITEM NUMBER: 2 / F-A / F1.40

Summary No. Component ID **Component Description** Comments

DHHE-1A DHHE-1A SUPPORT

SAT VT-99-048

CLASS / EXAM CATEGORY / ITEM NUMBER: 3 / D-A / D1.10

Summary No. Component ID Component Description Comments

D1.100.1 RCSG-1A Secondary Side of "A"

Steam Generator Workscope: Exam Results: Report No.:

Summary No. Component ID

Component Description Comments

D1.100.2 RCSG-1B Secondary Side of "B" **Steam Generator** Workscope: Exam Results: Report No.:

VT-99-116 ISI SAT

Component ID Summary No. Component Description Comments

D1.100.8 RCT-1 **Pressurizer**

Workscope: Exam Results: Report No .: ISI SAT VT-99-124

Summary No. Component ID Component Description Comments

D1.100.9 MUT-1 Make-Up Tank

Workscope: Exam Results: Report No .: ISI SAT VT-99-127

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

Owner:
 Plant:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

riolida rowei Corpo

3. Plant Unit;

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

6. Nati	onal Board Numb	er for Unit:	N/A	
CLASS / I	EXAM CATE	ORY / ITEM NUMBER:	3 / D-A / D1.20	·
Summary No	. Com	ponent ID	Component Description	<u>Comments</u>
D2.5.1	DCH	-152	ATT	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	VT-99-046		
Summary No	. Com	ponent ID	Component Description	Comments
D2.5.101	EFH	622	ATT	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	VT-99-199		
Summary No.	<u>Com</u>	ponent ID	Component Description	Comments
D2.5.102	EFH-	631	ATT	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	VT-99-200		
Summary No.	Com	ponent ID	Component Description	Comments
D2.5.103			ATT	<u>Garanterica</u>
Workscope:	Exam Results:	Report No.:		
PSI	SAT	VT-99-201		
Summary No.		ponent ID	Component Description	Comments
D2.5.104			ATT	<u>comments</u>
Workscope:	Evam Paculta:	Poport No.		
PSI	Exam Results: SAT	Report No.: VT-99-202		
Summary No.		ponent ID	Companent Description	Comments
D2.5.105	EFH-		Component Description ATT	Comments
			All	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	VT-99-203		
Summary No.		oonent ID	Component Description	Comments
D2.5.106	EFH-	648	ATT	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	VT-99-204		
Summary No.	Comp	onent ID	Component Description	Comments
D2.5.107	EFH-	649	ATT	
Workscope:	Exam Results:	Report No.:		
PSI	SAT	VT-99-205		

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL, 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. National Board Number for Unit:

N/A

CLASS / EXAM CATEGORY / IT	EM NUMBER:	3 / D-	A / D1.2	20B
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Summary No.

Component ID

Component Description

Comments

D2.5.83

ISI

DCHE-1A

ATT

Workscope: Exam Results: Report No.:

SAT

VT-99-041

Summary No.

Component ID

Component Description

Comments

D2.5.99

DCP-1A

ATT

Workscope: Exam Results: Report No.:

VT-99-038

CLASS / EXAM CATEGORY / ITEM NUMBER: 3 / F-A / F1.30A

Summary No.

Component ID

Component Description

Comments

DCH-116

DCH-116

ROD

Workscope: Exam Results: Report No.:

ISI

SAT

VT-99-047

Summary No.

Component ID

Component Description

Comments

EFH-596

EFH-596 Exam Results:

RESTRAINT

SPRING CAN

Summary No.

Workscope: PSI

VT-99-102

Component ID

Report No.:

EFH-625

Component Description

Comments

Comments

EFH-625

Workscope:

PSI

Exam Results: SAT

SAT

Report No .: VT-99-110

Summary No.

Component ID

Component Description

EFH-626

STRUT

EFH-626 Workscope:

Exam Results:

Report No .:

PSI

SAT

VT-99-074

Component ID Summary No.

Component Description

Comments

EFH-633

EFH-633

STRUT

STRUT

Workscope:

Exam Results: SAT

Report No.:

VT-99-081

Summary No.

Component ID

Component Description

Comments

EFH-638

PSI

EFH-638

Workscope: PSI SAT

Exam Results:

Report No.: VT-99-086

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

1. Owner: Florida Power Corporation, P.O. Box 14042 St. Petersburg FL, 33733-4042

3. Plant Unit: **Crystal River Unit 3**

4. Owner Certificate of Authorization (If Req.):

5. Commercial Service Date: 03/13/1977

6. National Board Number for Unit:

2. Plant:

Workscope:

Workscope:

Workscope:

Workscope:

ISI

ISI

SAT

N/A

N/A

Summary No. Component ID **Component Description** Comments

EFH-643 EFH-643 STRUT

Report No.: Workscope: Exam Results: SAT VT-99-091

Exam Results:

Exam Results:

Exam Results:

Exam Results:

Summary No. Component ID Component Description Comments

EFH-644 EFH-644 **STRUT** Report No .:

PSI SAT VT-99-092

Component ID Summary No. Component Description Comments EFH-651 EFH-651 STRUT

Report No .:

Report No .:

Report No.:

VT-99-012

VT-99-014

Evaluation Disposition: Rejectable

PSI SAT VT-99-099

Summary No. Component ID Component Description Comments **RWH-45** RWH-45 ROD

ISI SAT VT-99-045

Summary No. Component Description Component ID Comments **RWH-75 RWH-75** STRUT

SAT VT-99-011

Summary No. Component ID Component Description Comments SWH-185 SWH-185 ROD

Workscope: Exam Results: Report No .:

Summary No. Component ID **Component Description** Comments

SWH-33 SWH-33 ROD Condition determined to be result of improper

N/A

installation. Hanger Corrected to an Acceptable Workscope: Exam Results: Report No .: Condition. Scope expansion not required, however

additional supports examined. Reference VT-99-066 (SWH-31), VT-99-067 (SWR-067), VT-99065 (SWH-28A).

ISI **EVAL** VT-99-009

Summary No. Component ID Component Description Comments

SWH-N-356 SWH-N-356 ROD

Exam Results: Report No.: Workscope:

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

2. Plant:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Reg.):

N/A

5. Commercial Service Date:

03/13/1977

6. National Board Number for Unit:

Exam Results:

Summary No.

Component ID

Component Description

SWR-183

SWR-183

STRUT

Workscope: ISI

SAT

Report No .: VT-99-013

Component Description

Comments

Comments

Summary No. SWR-393

Component ID SWR-393

STRUT

Acceptable by Evaluation

Workscope:

ISI

Exam Results:

Exam Results:

Report No.:

EVAL

VT-99-010

Evaluation Disposition: Acceptable

N/A

CLASS / EXAM CATEGORY / ITEM NUMBER:

Summary No.

Component ID

Component Description

3 / F-A / F1.30B

GUIDE

Comments

DCH-175

DCH-175

Report No .:

ISI

SAT

VT-99-039

Summary No.

Workscope:

Component ID EFH-573

Component Description

Comments

Comments

EFH-573 Workscope:

Exam Results:

Report No.:

PSI

SAT

VT-99-100

Summary No.

Component ID EFH-593

Component Description

RESTRAINT

SUPPORT

EFH-593 Workscope:

Exam Results:

Report No .:

PSI

SAT

VT-99-101

Summary No.

Component ID EFH-618

Component Description

Comments

EFH-618

SUPPORT

Workscope:

PSI

Exam Results: SAT

Report No.:

VT-99-103

Component Description

Comments

Comments

Summary No. EFH-619

Component ID EFH-619

SUPPORT

Exam Results:

Report No .:

Workscope: PSI

SAT

VT-99-104

Component Description

Summary No. EFH-620

Component ID EFH-620

SUPPORT

Workscope:

PSI

Exam Results:

Report No .:

SAT

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner: 2. Plant:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. National Board Number for Unit:

Exam Results:

N/A

Summary No.

Component ID

Component Description

Comments

EFH-621 Workscope: EFH-621

SUPPORT

SUPPORT

Report No .: VT-99-106

Summary No.

Component ID

Component Description

Comments

EFH-622 Workscope: EFH-622

Exam Results: Report No .:

VT-99-107

Summary No.

PSI

PSI

SAT

Component ID

Component Description

Comments

EFH-623

Workscope:

EFH-623

Exam Results:

Report No .:

SAT

VT-99-108

Summary No. EFH-624

Component ID EFH-624

Component Description SUPPORT

SUPPORT

Comments

Workscope:

Report No.: Exam Results:

PSI

SAT

VT-99-109

Summary No.

Component ID

Component Description

Comments

Comments

Comments

Comments

Comments

EFH-627

EFH-627

SUPPORT

Workscope:

Exam Results:

Report No.:

Summary No.

PSI

SAT

VT-99-075

Component Description

EFH-628

Component ID EFH-628

SUPPORT

Workscope:

Exam Results:

Report No.: VT-99-076

PSI Summary No. SAT

SAT

Component ID

Component Description

EFH-629

EFH-629

SUPPORT

Workscope:

PSI

Exam Results:

Report No .:

VT-99-077

Summary No.

Component ID EFH-630

Component Description SUPPORT

EFH-630

Workscope:

Exam Results:

Report No.:

Component ID

PSI

SAT

VT-99-078

Component Description

SUPPORT

Summary No. EFH-631

Workscope:

EFH-631

Exam Results:

Report No.:

PSI

SAT

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Reg.):

N/A

5. Commercial Service Date:

03/13/1977

6. National Board Number for Unit:

N/A

Summary No.

Component ID

Component Description

Comments

EFH-632

EFH-632

SUPPORT

SUPPORT

Workscope: PSI

SAT

Report No.: VT-99-080

Summary No.

Exam Results:

Component Description

Comments

Comments

EFH-634 Workscope: EFH-634

Component ID

Report No .:

PSI

Exam Results: SAT

Summary No.

VT-99-082

Component ID

EFH-635

Component Description SUPPORT

Workscope:

PSI

PSI

PSI

PSI

PSI

EFH-635

Exam Results:

SAT

Report No.: VT-99-083

Summary No.

Component ID

Component Description SUPPORT

Comments

EFH-636

Exam Results: Report No.:

Workscope:

SAT

VT-99-084

Summary No.

Component ID

EFH-636

Component Description

Comments

EFH-637

EFH-637

SUPPORT

Workscope:

Exam Results: SAT

Report No.:

Component ID

VT-99-085

Summary No.

Component Description

Comments

EFH-639

EFH-639

SUPPORT

Workscope:

Exam Results:

Report No.: VT-99-087

Component Description

Comments

Summary No.

SAT

Component ID EFH-640

SUPPORT

EFH-640 Workscope:

Exam Results:

Report No.:

Component ID

VT-99-088

Component Description

Comments

Summary No. EFH-641

EFH-641

SUPPORT

Workscope: PSI

Exam Results: SAT

SAT

Report No.:

VT-99-089

Summary No.

Component ID

Component Description

Comments

EFH-642

EFH-642

SUPPORT

Workscope:

Exam Results:

Report No.:

PSI SAT

ATTACHMENT 1

Inservice Inspection Report
Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

MSH-190

ISI

Workscope:

MSH-190

Report No .:

VT-99-034

Exam Results:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. National Board Number for Unit: N/A Summary No. Component ID Component Description Comments EFH-645 EFH-645 SUPPORT Workscope: Report No.: Exam Results: PSI SAT VT-99-093 Summary No. Component ID Component Description Comments EFH-646 EFH-646 SUPPORT Workscope: Exam Results: Report No .: PSI SAT VT-99-094 Summary No. Component ID Component Description Comments EFH-647 EFH-647 SUPPORT Workscope: Exam Results: Report No.: PSI SAT VT-99-095 Summary No. Component ID Component Description Comments EFH-648 **EFH-648** SUPPORT Workscope: Exam Results: Report No.: PSI SAT VT-99-096 Summary No. Component ID Component Description Comments EFH-649 **EFH-649** SUPPORT Exam Results: Workscope: Report No .: PSI SAT VT-99-097 Summary No. Component ID Component Description Comments EFH-650 EFH-650 SUPPORT Exam Results: Workscope: Report No .: PSI SAT VT-99-098 Summary No. Component ID Component Description Comments EFH-84 EFH-84 **ANCHOR** Workscope: Exam Results: Report No.: ISI SAT VT-99-007 Summary No. Component ID Comments **Component Description**

RESTRAINT



ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL, 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. National Board Number for Unit:

N/A

CLASS / EXAM CATEGORY / ITEM NUMBER: 3 / F-A / F1.40

Summary No.

Component ID

Component Description

Comments

DCHE-1A

DCHE-1A

ANCHOR

Workscope:

Exam Results:

Report No.:

VT-99-042

Summary No.

Component ID

Component Description

Component Description

Comments

DCP-1A

ISI

ISI

DCP-1A

ANCHOR

Workscope:

Summary No.

Exam Results:

Report No .:

SAT

SAT

VT-99-040

Comments

DCT-1A

Component ID DCT-1A

ANCHOR

Workscope: Exam Results:

Report No .:

SAT

VT-99-043

CLASS / EXAM CATEGORY / ITEM NUMBER: 4 / F-A / F1.30A

Summary No.

Component ID

Component Description

Comments

RCH-62

RCH-62

STRUT

Workscope:

Exam Results: SAT

Report No.: VT-99-030

CLASS / EXAM CATEGORY / ITEM NUMBER: AUG / AUG / AUG7.3

Summary No.

Component ID

Component Description

Comments

Comments

X0.3.2

AUG

A-2 HPI Thermal Sleeve

MUV-42

Workscope:

Exam Results:

Report No.:

AUG

SAT

RT-99-0240

SAT

UT-99-037

Component Description

Summary No.

Component ID **B-1 HPI Thermal Sleeve**

MUV-36

X0.3.3

Exam Results:

Workscope:

SAT

Report No .: RT-99-0241

AUG AUG

SAT

UT-99-033

CLASS / EXAM CATEGORY / ITEM NUMBER:

AUG / AUG / AUG7.5

Summary No.

Component ID

Component Description

Comments

X005

MK # 29

Nozzl

Workscope: AUG

Exam Results:

Report No .:

SAT

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

2. Plant:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit: **Crystal River Unit 3**

4. Owner Certificate of Authorization (If Reg.):

N/A

5. Commercial Service Date:

6. National Board Number for Unit:

N/A

03/13/1977

Component ID

Nozzl

Summary No.

MK # 30

Component Description

Comments

Workscope:

X006

AUG

AUG

Exam Results: SAT

Report No.:

VT-99-060

Summary No.

Component ID

Component Description

Comments

X007

MK # 45

Safe

Workscope:

Exam Results:

SAT

Report No .: VT-99-058

CLASS / EXAM CATEGORY / ITEM NUMBER:

MC / E-A / E1.11

Summary No. E1.11.1

Component ID Penetration 222 Component Description

Comments

Equipment Hatch

Workscope: Exam Results: Report No .:

ISI Summary No.

SAT

VT-99-196

Component Description

E1.11.10

Component ID **RBLP-1006**

Various Dome Liner

Comments

Comments

Comments

Comments

Exam Results: Report No .:

Workscope: ISI

SAT

VT-99-168

Component Description

Summary No. E1.11.11

RBLP-2002

Various Liner Plate, Pens.

Workscope:

Exam Results:

Component ID

ISI

SAT

Report No .:

VT-99-178

Summary No.

Component ID

Component Description

E1.11.12

RBLP-2003

Workscope: Exam Results:

Various Liner Plate,

Pens.

Plate

ISI

SAT

Report No.: VT-99-180

Component ID

Component Description

Summary No.

RBLP-2004

Various Liner Plate

E1.11.13

Workscope: ISI

SAT

Report No .: VT-99-182

Summary No.

Component ID

Exam Results:

Component Description

Comments

E1.11.14

RBLP-2005

Various Liner Plate

Workscope:

ISI

Exam Results:

Report No .:

SAT

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

Summary No.

Workscope:

E1.11.22

ISI

Component ID

Report No.:

VT-99-172

RBLP-4003

Exam Results:

SAT

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. Natio	National Board Number for Unit:			N/A	
	ummary No. Component ID				
<u>Summary No.</u> E1.11.15		Iponent ID .P-2006		Component Description Various Dome Liner	Comments
E1.11.10	KBL	.r -2000		Plate	
Workscope:	Exam Results:	Report No.:			
ISI	SAT	VT-99-169			
Summary No.	. <u>Com</u>	ponent ID		Component Description	Comments
E1.11.16	RBL	P-3002		Various Liner Plate,	
Workscope:	Exam Results:	Report No.:		Pens.	
ISI	SAT	VT-99-154			
Summary No.	Com	ponent ID		Component Description	Comments
E1.11.17		P-3003		Various Liner Plate,	<u>==:::::::::::::::::::::::::::::::::::</u>
\ A /1	F	5 (1)		Pens.	
Workscope:	Exam Results:	Report No.:			
ISI	SAT	VT-99-156	******		
Summary No.	·	ponent ID		Component Description	Comments
E1.11.18	RBL	P-3004		Various Liner Plate	
Workscope:	Exam Results:	Report No.:			
ISI	SAT	VT-99-158			
Summary No.	Com	ponent ID		Component Description	Comments
E1.11.19	RBL	P-3005		Various Liner Plate	
Workscope:	Exam Results:	Report No.:			
ISI	SAT	VT-99-160			
Summary No.		ponent ID		Component Description	Comments
E1.11.2		etration 426		Component Description Liner Plate Penetration	Comments
L 11 1 1 1 1	rene	su au on 420		Linei Flate Fenetiation	
Workscope:	Exam Results:	Report No.:			
ISI	SAT	VT-99-190			
Summary No.	Com	ponent ID		Component Description	Comments
E1.11.20	RBL	P-3006		Various Dome Liner	
Workscope:	Exam Results:	Report No.:		Plate	
ISI	SAT	VT-99-170			
Summary No.	Com	ponent ID		Component Description	Comments
E1.11.21		P-4002		Various Liner Plate,	
				Pens.	
Workscope:	Exam Results:	Report No.:			
ISI	SAT	VT-99-162			
	Evaluation Disp	osition: Acceptable	N/A		

Component Description

Various Liner Plate,

Pens.

Comments

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

2. Plant:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit: **Crystal River Unit 3**

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:			03/13/1977	
6. Nati	onal Board Numb	er for Unit:	N/A	
Summary No	. Com	ponent ID	Component Description	Comments
E1.11.23	RBL	P-4004	Various Liner Plate	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	VT-99-174		
Summary No.	. <u>Com</u>	ponent ID	Component Description	Comments
E1.11.24	RBL	P-4005	Various Liner Plate	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	VT-99-176		
Summary No.	Com	ponent ID	Component Description	Comments
E1.11.25		P-4006	Various Dome Liner Plate	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	VT-99-171		4.2
Summary No.	<u>Com</u>	ponent ID	Component Description	<u>Comments</u>
E1.11.26	Sum	p Penetration	RB Sump	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	VT-99-153		
Summary No.	Com	ponent ID	Component Description	Comments
E1.11.3	Pene	etration 430	Liner Plate Penetration	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	VT-99-192		
Summary No.	Com	ponent ID	Component Description	Comments
E1.11.4	Pene	tration 433	Personnel Hatch & Gaskets	
Workscope:	Exam Results:	Report No.:		
ISI	SAT	VT-99-188		
Summary No.	Comp	ponent ID	Component Description	Comments
E1.11.5	Pene	tration 440	Liner Plate Penetration	
Workscope:	Exam Results:	Report No.:		

Summary No. E1.11.6

ISI

Component ID **RBLP-1002**

Component Description

Comments

Comments

Workscope: Exam Results: SAT

SAT

Report No.: VT-99-145

VT-99-194

Various Liner Plate, Pens.

Summary No. E1.11.7

Component ID **RBLP-1003**

Component Description Various Liner Plate,

Workscope: Exam Results: Report No.: ISI SAT VT-99-147

Pens.

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL. 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. National Board Number for Unit:

Exam Results:

Summary No.

Component ID

E1.11.8

RBLP-1004

Component Description

Comments

Workscope:

ISI

ISI

SAT

Report No.: VT-99-149

Various Liner Plate

Comments

Summary No.

Component ID

Component Description

E1.11.9

RBLP-1005

Various Liner Plate

Workscope:

Exam Results:

Exam Results:

SAT

Report No .: VT-99-151

CLASS / EXAM CATEGORY / ITEM NUMBER:

MC / E-D / E5.30

Summary No.

Workscope:

Component ID **Moisture Barrier** **Component Description**

AZ 0° - 360° (95' RB)

Comments

E5.30.1

ISI SAT Report No.:

VT-99-186

CLASS / EXAM CATEGORY / ITEM NUMBER:

Summary No.

Component ID

MC / E-G / E8.10 Component Description

Comments

Comments

Comments

Comments

Comments

E8.10.1

Penetration 216

Penetration Bolting

Exam Results: Report No .:

Workscope: ISI

VT-99-207

Summary No.

Component ID

Component Description

E8.10.2

Exam Results:

Penetration 217

Penetration Bolting

Workscope:

SAT

SAT

Report No .: VT-99-208

ISI

ISE

ISI

Summary No.

Component ID

Component Description

E8.10.3

Penetration 222

Penetration Bolting

Workscope:

Exam Results:

Report No.:

SAT VT-99-209

Summary No.

Component ID

Component Description

E8.10.4

Penetration 348

Penetration Bolting

Workscope:

Exam Results:

Report No .:

SAT VT-99-210 Summary No.

Component Description

E8.10.5

Component ID Penetration 436

Penetration Bolting

Workscope:

Exam Results:

Report No.:

ISI

SAT

ATTACHMENT 1

Inservice Inspection Report Interval 3 / Period 1 / Refuel Outage 11

1. Owner:

Florida Power Corporation, P.O. Box 14042 St. Petersburg FL, 33733-4042

2. Plant:

Crystal River Unit 3, 15760 Power Line Street, Crystal River Florida 34428-6708

3. Plant Unit:

Crystal River Unit 3

4. Owner Certificate of Authorization (If Req.):

N/A

5. Commercial Service Date:

03/13/1977

6. National Board Number for Unit:

Exam Results:

N/A

Summary No.

Component ID

E8.10.6

Penetration 119

Component Description Penetration Bolting

Workscope: ISI

SAT

SAT

Report No .: VT-99-213

Comments

Comments

Comments

Comments

Summary No. E8.10.7

Component ID

Component Description Penetration Bolting

Report No .:

ISI

Workscope: Exam Results:

VT-99-214

Penetration 120

CLASS / EXAM CATEGORY / ITEM NUMBER:

MC / E-X / EX.XX

Summary No. EX.XX.1

Component ID Penetration 202 **Component Description**

Penetration Bolting

Workscope: Exam Results:

Report No.:

SAT

ISI Summary No.

VT-99-206

Component Description

EX.XX.2

Component ID Penetration 357

Penetration Bolting

Workscope:

Exam Results:

Report No.:

ISI

SAT

CRYSTAL RIVER UNIT 3 90-DAY INSERVICE INSPECTION SUMMARY REPORT

3F0200-04

 Section 3, NIS-2 Owner's Reports of Repair or Replacement for ASME Class 1 and Class 2 Components



NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT AS REQUIRED BY THE PROVISIONS OF ASME CODE SECTION XI

NIS-2.FRM

1.	OWNER	Florida Pow	er Corporation			DATE				
		P.O. Box 14 St. Petersbu		11/03/99						
2.	PLANT	Florida Pow Crystal Rive 15760 W. Po Crystal Rive			Page	1	of 2			
	WORK PERI	FORMED BY (NAME)				-		N, P.O. NUMBER, WR NUMBER, ET		
3.	Florida	a Power Corpora	tion					WR 356156		
•	ADDRESS	a Fower Corpora	uon			l		711(000100		
	45700	M. Dawartina C	Manada Omindal Divi	- FL 0.4	400 0700					
· .	IDENTIFICAT	TION OF SYSTEM	Street, Crystal Rive	er, FL 344	428-6708					
4.										
• •	React	or Coolant (RC)			EDITION		LADDENDA	SORE OLOFO		
_	USAS E						ADDENDA	, CODE CASES		
5a.						9 67	<u> </u>	N/A , N/A		
	APPLICABLE		ILIZED FOR REPAIRS OR REPI	ACEMENTS	ADDENDA, CODE (CASES				
5b.		1!	989				N/A	\ / NA		
6.	Identific	ation of Compone	nts Repaired or Rep	laced and	Replaceme	nt Com	onents			
NA	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONAL BD. NO.	L OTHE	ER	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	Ą	SME ODE MPED
COM	PONENT	WANUFACTURER	SERIAL NUMBER	BD. NO.	IDENTIFIC	CATION	BUILT	OR REPLACEMENT	STA	MPED
									YES	NO
COM	PONENT	POWER PIPING	750119	N/A	RCH-	-70	N/A	REPLACEMENT		N
SUF	PORT			:						
		W							+	†
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NIS-2 CONTINUATION WR# 356156

Page	2	of	2

	1107 000 100		
7	DESCRIPTION OF WORK		
7.	REMOVED SNUBBER S/N 750134 FROM LOCATION RCH-70 AN	ID REPLACED WITH A "LI	KE FOR LIKE"
	SNUBBER S/N 750119 REBUILT UNDER WR 359290.		
8.	TESTS CONDUCTED	PRESSURE	TEST TEMP.
	Hydrostatic Pneumatic Nominal Operating Pressure Other REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)	⊴n/a	psi °F
9.	The state of the s		
٥.			
	CERTIFICATE OF COMP	LIANCE	
۵۱۸۱	certify that the statements made in this report are correct and this	Repair X Rep	placement Conforms
	ection XI of the ASME Code.	☐ Kebali	nacement Comorms
OWN	ER OR OWNER'S DESIGNEE SIGNATURE) TITLE	DA	TE
St	tephen J. Roe Princi	ipal Engineer	11/03/1999
	CERTIFICATE OF INSPEC	TION	
	I, the undersigned, holding a valid commission issued by the Natio		essure
	Vessel Inspectors and the State or Province of employed by THE HARTFORD STEAM BOILE	FLORIDA ER I & I COMPANY	of
	HARTFORD, CT	hav	e inspected the
	components described in this Owner's Report during the period $0/-0/4-000$, and state that to the best of	$\frac{10-13-99}{\text{my knowledge and helief}}$	the Owner has
	performed examinations and taken corrective measures described		
	the requirements of the ASME Code, Section XI.	·	
	By signing this certificate, neither the inspector nor his employer measures describe concerning the examinations and corrective measures describe	lakes any warranty, expres	sed or implied,
	neither the Inspector nor his employer shall be liable in any ma	inner for any personal inj	ury or property
	damage or a loss of any kind arising from or connected with this in	spection.	,
	(OS Metarity IN	-2633	
	INSPECTOR'S SIGNATURE COMMISSI	ONS (NATIONAL BOARD, STATE, PROVINC	CE OR ENDORSEMENTS)
	ital man da		
	DATE T LOOO		
	\mathcal{O} '		



NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT AS REQUIRED BY THE PROVISIONS OF ASME CODE SECTION XI

NIC O EDM

1.	OWNER	Florida Pow	er Corporation			DATE				
		P.O. Box 14 St. Petershi	042 ırg, FL 33733-4042					11/03/99		
2.	PLANT	Florida Pow Crystal Rive 15760 W. Po	rer Corporation er Energy Complex ower Line Street er, FL 34428-6708			Page	1			
	WORK PERI	FORMED BY (NAME)						N, P.O. NUMBER, WR NUMBER, ETC).	
3.	1	a Power Corporat	tion					WR 356162		
.	ADDRESS	a i owei corpora	шон			!				
	15760	W Powerline S	Street, Crystal Rive	or FI 34.	428-6708					
	IDENTIFICAT	TION OF SYSTEM	orect, Orystai rave	51, 1 L O4	420-0700		w			
4.	Make	Up (MU)								
	APPLICABLE	APPLICABLE CONSTRUCTION CODE EDITION						, CODE CASES		
5a.	USAS B31.1				1	9 67		N/A , N/A		
	APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENT				ADDENDA, CODE		1		•	
5b.		19	989				N/A	\ / NA		
6.	Identific	eation of Compone	nts Repaired or Rep	laced and	l Renlaceme	nt Comi	nonente			
· · · · · ·			<u> </u>	T			T	l	1 4	enc
COM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTH IDENTIFIC	ER CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	STA	SME ODE MPED
			•				}		\perp	
COM	PONENT	POWER PIPING	730225	N/A	MUH	-52	N/A	REPLACEMENT	YES	NO N
	PORT		730223			02	''''	REI BROEMENT		'`
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	NIS-2 CONTINUATION									
	WR# 356162	Page	2	of	2					
	DESCRIPTION OF WORK	L								
	•									
7.	REMOVED SNUBBER S/N 730128 FROM LOCATION MUH-52 AND REPLACED WITH A "L	IKE FO	R L	IKE"						
	SNUBBER S/N 730225 REBUILT UNDER WR 356088.									
	TESTS CONDUCTED PRESSURE		ITEOT	TE140						
8.	PRESSURE		IESI	TEMP.						
	Hydrostatic Pneumatic Nominal Operating Pressure Other N/A	psi			°F					
	REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)									
9.										
				·						
	CERTIFICATE OF COMPLIANCE									
		olacem	ent	Conf	orms					
to S	ection XI of the ASME Code.									
OWN	ER OR OWNER'S DESIGNEE SIGNATURE	NTE .								
				_						
<u> </u>	tephen J. Roe Principal Engineer	11/03/	199	9						
	CERTIFICATE OF INSPECTION									
	CERTIFICATE OF INSPECTION									
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pre	accura								
	Weekel language and the Otate of Description of	Josuic								

I, the undersigned, hold	ing a valid commission issued by the Nati	onal Board of Boiler a	and Pressure
Vessel Inspectors and t		FLORIDA	
employed by	THE HARTFORD STEAM BOIL	ER I & I COMPANY	of
	HARTFORD, CT		have inspected the
components described i	n this Owner's Report during the period	9-10-99	to
11-8-99	, and state that to the best	of my knowledge and	belief, the Owner has
the requirements of the By signing this certificat concerning the examin neither the Inspector ne	s and taken corrective measures describe ASME Code, Section XI. e, neither the inspector nor his employer lations and corrective measures describe this employer shall be liable in any markind arising from or connected with this in	makes any warranty, ped in this Owner's nanner for any perso	expressed or implied, Report. Furthermore,
loubs 1.	Clark Fo	195	
INSPECTOR'S SIGNATURE	· · · · · · · · · · · · · · · · · · ·	SIONS (NATIONAL BOARD, STATE	E, PROVINCE OR ENDORSEMENTS)
11-8-99 DATE			



NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT AS REQUIRED BY THE PROVISIONS OF ASME CODE SECTION XI

NIS-2.FRM

1	OWNER	Florida Power Corporation P.O. Box 14042 St. Petersburg, FL 33733-4042				10/25/99				
2.	PLANT	Crystal Rive 15760 W. Po	er Corporation er Energy Complex ower Line Street er, FL 34428-6708		***************************************					
						Page	1	of 2		
3.		FORMED BY (NAME)				REPAIR OF	RGANIZATIO	N, P.O. NUMBER, WR NUMBER, ETC WR 356168	<u>).</u>	
ა.	ADDRESS	a Power Corporat	lion			<u></u>		VVK 330 100		
	15760	W. Power Line S	treet, Crystal Rive	er, FL 34	428-6708					
4.		TION OF SYSTEM								
	DECAY	HEAT REMOVAL	L (DH)		EDITION		LADDENDA	, CODE CASES		
5a.						9 67	N/A /			
	USAS B31.1 APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENT			ACEMENTS	ADDENDA, CODE		****	The Name of the Control of the Contr		
5b.		19	989				1	V/A		
6.	Identific	ation of Compone	nts Repaired or Rep	laced and	d Replaceme	nt Com	onents			
COMP	AME OF NAME OF MANUFACTURE		NAME OF MANUFACTURER'S NATION BD. NO.		L OTHI	ER CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	AS CC STA	SME ODE MPED
00115	ONENT	DOMES DISING	700010	***					YES	
	PORT	POWER PIPING	730212	N/A	DHH	-20	N/A	REPLACEMENT		N
•										
						· · · · · · ·			\dagger	
						,			+	
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									†	
						-			1	
						1-1			+	
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NIS-2 CONTINUATION WR# 356168

Page	2	of	2

	VVI 330 100					
	DESCRIPTION OF WORK					
7.	REMOVED SNUBBER S/N 720136 AND REPLACE	O WITH SNUBBER S/N 730	212 ON SUF	PPORT	DHH-20	
	TESTS CONDUCTED		PRESSURE	· · · · · · · · · · · · · · · · · · ·	TEST TEMP.	
8.	Hydrostatic Pneumatic Nominal Operating Pressure	Other N/A	N/A	psi	N/A	°F
	Hydrostatic Pneumatic Nominal Operating Pressure REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)	e OtherN/A				
9.	N/A					
				 		
						-
	CEDTIEICATE	OF COMPLIANCE				
	CERTIFICATE	OF COMPLIANCE				
۵/۵	certify that the statements made in this report are corre	ect and this Repai	, X D	nlaaam	ent Con	form
	ection XI of the ASME Code.	ccand this Repai	I E Re	piaceini	ent Con	101111
	<u> </u>		· · · · · · · · · · · · · · · · · · ·			
NWO	R OR OWNER'S DESIGNEE SIGNATURE	TITLE	1	ATE	/	
	9/) (wham	Sypra-Nuc.	ENGI	10/2	16/20	₹
	CEDIFICATE	OF INCRECTION				
	CERTIFICATE	OF INSPECTION				
	I, the undersigned, holding a valid commission issue			essure		
	Vessel Inspectors and the State or Province of employed by THE HARTFORD S	FLORI STEAM BOILER I & I COMP				
	HARTFORD, CT	STEAM BOILER I & I COMP.	· · · · · · · · · · · · · · · · · · ·	ve inspe	of ected the	
	components described in this Owner's Report during	the period 9-/3-89			to	
		t to the best of my knowledg				
	performed examinations and taken corrective measu the requirements of the ASME Code, Section XI.	res described in this Owner's	Report in a	accordar	nce with	
	By signing this certificate, neither the inspector nor h	is employer makes any warr	antv. expres	ssed or	implied	
	concerning the examinations and corrective meas					
	neither the Inspector nor his employer shall be lial damage or a loss of any kind arising from or connect	ole in any manner for any				
		•				
	Josh I, Jelast INSPECTOR'S SIGNATURE	COMMISSIONS (NATIONAL BOAR	D STATE PROVIN	CE OR END	ODSEMENTS	-
	THE LOTON OF STREET	COMMISSIONS (MATIONAL BOAK	D, STATE, PROVIN	UE UK END	UKSEMENIS)	
	12-6-99					
	DATE					



NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT AS REQUIRED BY THE PROVISIONS OF ASME CODE SECTION XI

NIS-2.FRM

								. ,			
1.	OWNER		er Corporation			DATE					
		P.O. Box 140 St. Petershu	042 irg, FL 33733-4042					11/02/99			
2.	PLANT		er Corporation		 	ļ					
۷.		Crystal Rive	er Energy Complex								
			wer Line Street er, FL 34428-6708								
		Oi y stai i tive	11, 1 L 07720-0100			Page	1	of 2			
	WORK PERI	FORMED BY (NAME)	,					N, P.O. NUMBER, WR NUMBER, ET	C.		
3.	l		lian					'R 356200 Rev. 1			
J.	ADDRESS	Power Corporat	lion					17 000200 17.07. 1			
	15760 W. Power Line Street, Crystal River, FL 34428-6708										
	15/60	TON OF SYSTEM	street, Crystal Rive	er, FL 34	428-6708						
4.											
₩.	React	or Coolant (RC)									
	USAS I	CONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES			
5a.						9 67		N/A , N/A			
	APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENT				ADDENDA, CODE	CASES					
5b.		19	989				N/A	· / NA			
•	Identific	eation of Compone	nts Repaired or Rep	laced and	1 Penlaceme	nt Comi	onente				
6.		1	· ·	ŧ	· · · · · · · · · · · · · · · · · · ·		F	<u> </u>			
COM	ME OF PONENT	OF NAME OF MANUFACTURER'S SERIAL NUMBER		NATIONA BD. NO.	L OTHI IDENTIFIC	ER CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPE		
									"		
					ŀ				YES	NO	
	PONENT	POWER PIPING	730124	N/A	RCH-	-78	N/A	REPLACEMENT		N	
SUF	PPORT									1	
									+	 	
									-	1	
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	NIS-2 CONTINUATION WR# 356200 RI	Page	2 of	2
7.	REMOVED SNUBBER S/N 760194 FROM LOCATION RCH-78 AND REPLACED	WITH A "LIKE F	OR LIKE"	
	SNUBBER S/N 730124 REBUILT UNDER WR 359285.			
8.	TESTS CONDUCTED	PRESSURE	TEST TEMP.	
	Hydrostatic Pneumatic Nominal Operating Pressure Other N/A	psi		°F
9.	REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)			
···				
	CERTIFICATE OF COMPLIANCE			
	certify that the statements made in this report are correct and this lection XI of the ASME Code.	Replace	ment Cor	ıform
	ER OR OWNER'S DESIGNEE SIGNATURE	DATE	- 12	
S	tephen J. Roe Principal Engineer	11/0:	2/1999	
		-		
	CERTIFICATE OF INSPECTION			

I, the undersigned, holding a valid commission issued by	the Nati	onal Board of Boiler a	nd Pressure
Vessel Inspectors and the State or Province of		FLORIDA	
employed by THE HARTFORD STE	AM BOIL	ER I & I COMPANY	of
HARTFORD, CT		· · · · · · · · · · · · · · · · · · ·	have inspected the
components described in this Owner's Report during the	period	10-23-99	to
u-9-99 , and state that to	the best	of my knowledge and	belief, the Owner has
performed examinations and taken corrective measures	described	d in this Owner's Repo	rt in accordance with
the requirements of the ASME Code, Section XI.		-	
By signing this certificate, neither the inspector nor his e	mployer i	makes any warranty, e	expressed or implied,
concerning the examinations and corrective measures	s describ	ed in this Owner's F	Report. Furthermore,
neither the Inspector nor his employer shall be liable	in any m	nanner for any person	al injury or property
damage or a loss of any kind arising from or connected v	vith this ir	nspection.	
lades 1. Waste	FZ 19	95	
INSPECTOR'S SIGNATURE	COMMISS	SIONS (NATIONAL BOARD, STATE,	PROVINCE OR ENDORSEMENTS)
11 Q 49			
11-9-99			· · · · · · · · · · · · · · · · · · ·
DATE			



NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT AS REQUIRED BY THE PROVISIONS OF ASME CODE SECTION XI

NIS-2 FRM

1.	OWNER		er Corporation			DATE				
,	1	P.O. Box 146 St. Petershu	042 irg, FL 33733-4042					11/02/99		
2.	PLANT		er Corporation				WILL. 1.			
۷.		Crystal Rive	r Energy Complex			•				
			wer Line Street er, FL 34428-6708							
		Orystal Nive	1,1 1 01120-0700			Page	1	of 2		
	WORK PER	FORMED BY (NAME)					-	N, P.O. NUMBER, WR NUMBER, ETC	<u> </u>	
3.	1	a Power Corporat	ion					WR 356200		
٥.	ADDRESS	rowel Corporal	IIOH					WIX 000200		
	45700	M. Dawan Lina C	tanat Caratal Dive	EL 04	400.0700					
	IDENTIFICAT	TION OF SYSTEM	treet, Crystal Rive	r, FL 34	428-0708					
4.										
••	Reactor Coolant (RC) APPLICABLE CONSTRUCTION CODE EDITION						LADDENIDA	, CODE CASES		
_	USAS E		de non cobe				ADDENDA			
5a.						9 67	<u> </u>	N/A , N/A		
	APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMEN				ADDENDA, CODE O	CASES				
5b.		19	989				N/A	· / NA		
6.	Identific	ation of Componer	nts Repaired or Rep	laced and	d Replaceme	nt Comi	onents			
	L	I				•	T	DEDAIDED DEDI AGED	I As	SME
COM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHI IDENTIFIC	EATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	STA	SME ODE MPED
					-					
COM	PONENT	POWER PIPING	720442	N/A	RCH-	70	N/A	REPLACEMENT	YES	
	PORT	FOWERFING	730143	IN/A	, Kon-	-19	IN/A	REPLACEIVIENT		N
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NIS-2 CONTINUATION WR# 356200

Page	2	of	2
9-	_		_

	DESCRIPTION	OF WORK							
7.	REMOV	/ED SNU	BBER S/N 7	50112 FROM LOCATION	RCH-79	AND REPLAC	ED WITH A	"LIKE FC	R LIKE"
	SNURR	ER S/N 7	730143 REB	UILT UNDER WR 359287.					
	CITODD	EI COM 7	001401(LD	DIET CHUER VII 030207.					
	TESTS COND	LICTED					Increasing		TEGT TEMP
3.			7		_		PRESSURE	: psi	TEST TEMP.
\dashv	<u> </u>	ostatic ICLUDE MANU	Pneumatic FACTURER'S DATA	Nominal Operating Pressure REPORT NUMBER, IF APPLICABLE)	Other	N/A			
) .									
`									
							·		
				050TI510AT5 01	- 001				
				CERTIFICATE OF	- CON	IPLIANCE			
ما	certify the	at the stat	tements mar	de in this report are correct	and thic		pair 🖂 I	Denlacem	ent Confor
			SME Code.	ic in this report are correct	anu uno		pan 🔼 i	Kepiaceiii	ient Comon
	R OR OWNER		OLOUPE AT A	-A				-T	
			SIGNATURE	\mathcal{O}	TITLE		•	DATE	44000
<u> </u>	ephen J	. Roe	Vlede	Na	Pri	ncipal Engine	er	11/02/	/1999
		·	. /				b -		
				CERTIFICATE O	F INSP	ECTION			
	I, the u	ndersigne	ed, holding a	valid commission issued b	y the Na	itional Board of	Boiler and	Pressure	
			rs and the Si	ate or Province of	-		RIDA		- 6
	employ	ea by _		THE HARTFORD STE HARTFORD, CT	EAM BO	ILER I & I CON		have insp	of ected the
			scribed in this	s Owner's Report during the	period	10-23-8	*******		to
	11-9			, and state that to					
				taken corrective measures E Code, Section XI.	describ	ed in this Owne	ers Report i	n accorda	ance with
	By sign	ing this c	ertificate, ne	either the inspector nor his	employe	r makes any w	arranty, exp	oressed or	implied,
				is and corrective measure s employer shall be liable					
				s employer shall be liable I arising from or connected			y personal	injury or	property
	_		! Slaite	_					
		OR'S SIGNATU			FL	193 MISSIONS (NATIONAL BO	DARD STATE PRO	OVINCE OR EN	DORSEMENTS)
					J J J J J J J J J J J J J J J J J J J		on the property	J. HOL ON EN	CONCENENTO
	//	0.00							
	DATE	9-99	· · · · · · · · · · · · · · · · · · ·						
	DAIL								



NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT AS REQUIRED BY THE PROVISIONS OF ASME CODE SECTION XI



NIS-2.FRM

1.	OWNER	Florida Pow	er Corporation			DATE						
	P.O. Box 14042 St. Petersburg, FL 33733-4042					11/03/99						
2.	PLANT		er Corporation									
۷.		Crystal Rive	er Energy Complex ower Line Street									
			er, FL 34428-6708									
						Page	1	of 2				
3.	WORK PERI	FORMED BY (NAME)				REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC.						
	Florida Power Corporation						WR 356236					
	ADDRESS											
	15760	15760 W. Power Line Street, Crystal River, FL 34428-6708										
4	IDENTIFICAT	DENTIFICATION OF SYSTEM										
4.		Reactor Coolant (RC)										
_	USAS E	ECONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES				
5a.			ILIZED FOR REPAIRS OR REPL	ACEMENTO	19 67 N/A, N/A ADDENDA CODE CASES							
EL.	APPLICABLE			ACEMENTS	ADDENDA, CODE							
5b.		15	989			N/A / NA						
6.	Identific	ation of Componer	nts Repaired or Rep	laced and	d Replaceme	nt Comp	onents					
NA	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	AL OTHE IDENTIFIC	ER CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED			
COM	PONENI	MANUFACTURER							STA	MPED		
									YES	NO		
COMPONENT		POWER PIPING	750083	N/A	RCH-	71U	N/A	REPLACEMENT		N		
SUF	PPORT											
· · · ·									+			
									-	-		
									-			
									†			
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NIS-2 CONTINUATION

Page	2	of	2
1			

	VVK# 300230		
D	ESCRIPTION OF WORK		
_	REMOVED SNUBBER S/N 730113 FROM LOCATION RCH-7	1U AND REPLACED WITH A	"LIKE FOR LIKE"
;	SNUBBER S/N 750083 REBUILT UNDER WR 360135.		
		\$ 1	
TE	STS CONDUCTED	PRESSURE	TEST TEMP.
Ī	Hydrostatic Pneumatic Nominal Operating Pressure Oth	ner N/A	psi °F
:1	EMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)		
_			<u>*** </u>
_			
_			
	CERTIFICATE OF CO	MIDLIANCE	
	CERTIFICATE OF CO	WIPLIANCE	
٠,	ertify that the statements made in this report are correct and th	is Densir D	nlasamant Osufsuu
)(ction XI of the ASME Code.	is 🔲 Repair 🔀 Re	eplacement Conform
	OR OWNER'S DESIGNEE SIGNATURE	. D	DATE
)	phen J. Roe	rincipal Engineer	11/03/1999
	() ()		
		Territoria de la compansión de la compan	•
	CERTIFICATE OF INS	PECTION	
	I, the undersigned, holding a valid commission issued by the N		essure
	Vessel Inspectors and the State or Province of employed by THE HARTFORD STEAM B	FLORIDA	
	HARTFORD, CT		of ve inspected the
•	components described in this Owner's Report during the period	d 9-10-99	to
	, and state that to the b	est of my knowledge and belie	f, the Owner has
	performed examinations and taken corrective measures descr	ibed in this Owner's Report in a	accordance with
•	the requirements of the ASME Code, Section XI.		
	By signing this certificate, neither the inspector nor his employ concerning the examinations and corrective measures des	rer makes any warranty, expre	ssed or implied,
	neither the Inspector nor his employer shall be liable in any	manner for any personal in	iury or property
,	damage or a loss of any kind arising from or connected with th	is inspection.	imia or brobotta
	lands 1. lolaite F	2195	
		4/93 MMISSIONS (NATIONAL BOARD, STATE, PROVIN	NCE OR ENDORSEMENTS
			TOL OR ENDORSEMENTS)
	u a 40		
	11-9-49	·	
•	DATE		



	1 000									
1.	OWNER		er Corporation			DATE				
		P.O. Box 14 St. Petershi	042 Irg, FL 33733-4042					11/02/99		
2.	PLANT		er Corporation					11702100		
۷.		Crystal Rive	er Energy Complex							
			ower Line Street er, FL 34428-6708							
						Page	1	of 2		
	WORK PER	FORMED BY (NAME)						N, P.O. NUMBER, WR NUMBER, ETC	.	
3.	Florida	a Power Corporat	tion					WR 356247		
	ADDRESS					1				
	15760	W Power Line S	Street, Crystal Rive	er Fl 34	428-6708					
	IDENTIFICAT	TION OF SYSTEM	a con on your rain	,,, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	120 07 00					
4.	React	or Coolant (RC)								
	APPLICABLE	CONSTRUCTION CODE			EDITION		ADDENDA	A, CODE CASES		
5a.	USAS	331.1			1	9 67		N/A , N/A		
	APPLICABLE	EDITION OF SECTION XI UT	ILIZED FOR REPAIRS OR REPI	LACEMENTS	ADDENDA, CODE		<u> </u>	1477, 1477		
5b.		10	989				NI/A	Λ / ΝΔ		
							· · · · · · · · · · · · · · · · · · ·			
6.	Identific	ation of Componer	nts Repaired or Rep	laced and	Replaceme	nt Com	ponents		_	
NA	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	AL OTHER IDENTIFICATION		YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	A	SME ODE MPED
00,,,	ONLIN	MANOI AO TONEN	OLKIAL NOMBLK	BD. NO.	IDENTIFIC	AHON	BOILT	OR REPLACEMENT	STAM	
									YES	NO
	PONENT	ITT GRINNELL	25594	N/A	RCH-	531	N/A	REPLACEMENT		N
SUF	PPORT									
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NIS-2 CONTINUATION WR# 356247

	Page	2	of	2
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	DESCRIPTION OF WORK			
	DESCRIPTION OF WORK			
7.	REMOVED SNUBBER S/N 25592 FROM LOCATION	PCH-531 AND REDI ACED	WITH A "LIKE E	OD LIKE"
1	TREME VED GROUDER ON 23392 I ROM ECOATION	TOTI-331 AND TEL EACED	WITH LINE	OR LINE
	SNUBBER S/N 25594 REBUILT UNDER WR 359092.			
ŀ	CHOBBER ON 2000+ REBOIL! ONBER WIR 000002			
3.	TESTS CONDUCTED		PRESSURE	TEST TEMP.
"·		□	psi	, ° ₁
\dashv	Hydrostatic Pneumatic Nominal Operating Pressure REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)	Other N/A	[
	CHINANO (NOCODE MANO) ACTORERO DATA REPORT NOMBER, IF AFFEICABLE)			
). [
			*	
	CERTIFICATE (OF COMPLIANCE		
			K-7	
	certify that the statements made in this report are corre	ct and this 🔲 Repair	∵ ⊠ Replace	ment Confor
Se	ection XI of the ASME Code.			
VNE	R OR OWNER'S DESIGNEE SIGNATURE	ΠΤLE	DATE	
C+	ephen J. Roe	Principal Engineer		2/1999
_	Sprient of the state of the sta	1 Tillcipal Lingilleet	11/0	2/1999
	CERTIFICATE	OF INSPECTION		
	I, the undersigned, holding a valid commission issued	l by the National Board of Bo	iler and Pressur	е
	Vessel Inspectors and the State or Province of	FLORI		
		TEAM BOILER I & I COMPA		of
	HARTFORD, CT	the period 9-14-99	have ins	pected the
	components described in this Owner's Report during to $1/-\theta-9$, and state that		and ballof the	to
	performed examinations and taken corrective measur			
	the requirements of the ASME Code, Section XI.	es described in this Owner's	Report in accord	Jance Willi
	By signing this certificate, neither the inspector nor hi	s emplover makes any warra	anty, expressed	or implied.
	concerning the examinations and corrective measure	res described in this Own	er's Report. Fu	rthermore,
	neither the Inspector nor his employer shall be liab	le in any manner for any p		
	damage or a loss of any kind arising from or connected	ed with this inspection.		
	Parles 1. Clark	FC185		
	INSPECTOR'S SIGNATURE	COMMISSIONS (NATIONAL BOARD	STATE PROVINCE OR E	NDORSEMENTS)
		COMMISSION (MITTORNE BOARD	, ome, mornoe or e	I DONOLINENIO)
	11-8-99			
	DATE			



1.	OWNER	Florida Pow	er Corporation			DATE				
		P.O. Box 14 St. Petersbu	042 irg, FL 33733-4042					11/02/99		
2.	PLANT	Crystal Rive 15760 W. Po	er Corporation er Energy Complex ower Line Street er, FL 34428-6708			D				
	WORK PER	FORMED BY (NAME)				Page	1 CGANIZATION	of 2 N, P.O. NUMBER, WR NUMBER, ETC		
3.		Power Corporate	tion			112.7	(0) ((12) (110)	WR 356531	2.	
J.	ADDRESS	rowel Colpula	lion			L	.	7777 000001		
	15760	M/ Power Line S	Street, Crystal Rive	or El 31	429 6709					
	IDENTIFICAT	ON OF SYSTEM	olieel, Ciyslai Nive	71, I'L J4	420-0700					
4.	Makai	in (MLI)								
	APPLICABLE	UP (MU) ECONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES		
5a.	USAS E	331.1			1	9 67		N/A , N/A		
	APPLICABLE	EDITION OF SECTION XI UT	ILIZED FOR REPAIRS OR REPL	ACEMENTS	ADDENDA, CODE O		<u> </u>			
5b.		19	989				N/A	. / NA		
6.	Identific		nts Repaired or Rep	laced and	l Replaceme	nt Comi				
				1	· · · · · · · · · · · · · · · · · · ·			DEDAIDED DEDI AGED	T A:	SME
COM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHI IDENTIFIC	EATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	STA	SME ODE MPED
									YES	LNO
COM	PONENT	POWER PIPING	720131	N/A	MUH-	-40	N/A	REPLACEMENT	TES	NO N
SUF	PORT									
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NIS-2 CONTINUATION WR# 356531

Page	2	of	2
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DESCRIPT								
	ION OF WORK				•			
REMO	OVED SNU	JBBER S/N	730140 FROM LOCAT	ION MUH-4	AND REPLACE	O WITH A	LIKE FOR LI	KE"
								· ··
SNUB	BER S/N	720131 REE	BUILT UNDER WR 359)283.				
TESTS COI	NDUCTED				· · · · · · · · · · · · · · · · · · ·	PRESSURE	TEST	TEMP.
Пну	drostatic	Pneumatic	Nominal Operating Press	sure Oth	er N/A		psi	
EMARKS	(INCLUDE MAN	UFACTURER'S DAT	A REPORT NUMBER, IF APPLICABLE	.E)	_ 		•	
			· · · · · · · · · · · · · · · · · · ·					· • · · · · · · · · · · · · · · · · · ·
		atements ma SME Code.	nde in this report are co	rrect and thi	s 🗌 Repa	ir 🛛 R	eplacement	Confo
			1					
	NER'S DESIGNE	E SIGNATURE	TM2	TITLE			DATE	
ephen	J. Roe	(las	belle	P	rincipal Engineer		11/02/199	9
		,						
			CERTIFICAT	re of insi	PECTION			
1 the	undersian	ed holding:	a valid commission iss	ued by the N	stional Board of B	loiler and E	raccura	
	anacioigi	iou, noiunig i	a vana oomminoonon 100		ational Doald of L	olici aliu i	ressure	
Vess	el Inspecto	ors and the S	State or Province of		FLOR	IDA		
Vess	el Inspecto byed by	ors and the S	State or Province of THE HARTFORI	D STEAM B	FLOR DILER I & I COMP	PANY		of
Vesse emple	el Inspecto byed by	ors and the S	State or Province of THE HARTFORI HARTFORD, C	D STEAM BO	DILER I & I COMP	ANY h	ave inspected	d the
Vesse emple comp	el Inspecto byed by conents de	ors and the S	State or Province of THE HARTFORI HARTFORD, C is Owner's Report duri	D STEAM BO	DILER & COMF	PANY h		the to
comp	el Inspecto byed by conents de 1/-/3-99	ors and the S	State or Province of THE HARTFORI HARTFORD, C	D STEAM BO T ng the period that to the bo	DILER I & I COMF 9.10-99 est of my knowledge	PANY h	ef, the Owner	the to
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1.	OWNER		er Corporation			DATE				
		P.O. Box 140 St. Petersbu	042 irg, FL 33733-4042					11/11/1999		
2.	PLANT	Florida Pow	er Corporation							
			er Energy Complex ower Line Street							
•			er, FL 34428-6708							
	11122112					Page	1			
3.		FORMED BY (NAME)	,•			REPAIR OF	RGANIZATIO	N, P.O. NUMBER, WR NUMBER, ET WR 357066	C.	
ა.	ADDRESS	Power Corporat	lion					VVK 337000		
	15760	M/ Dowerline S	treet, Crystal Rive	r El 24	400 B700					
	IDENTIFICAT	TON OF SYSTEM	olieet, Crystal Rive	1, FL 34	420-0700					
4.	RE	ACTOR COOLA	NT (RC)							
	APPLICABLE	CONSTRUCTION CODE	()		EDITION		ADDENDA	, CODE CASES		
5a.		ASME B3	1.7 ILIZED FOR REPAIRS OR REPL		1	9 68	DRAF	Т		
	APPLICABLE			ACEMENTS	ADDENDA, CODE O	CASES				
5 b.		19	989				N/A	/ N/A		
6.	Identific	ation of Componer	nts Repaired or Rep	laced and	i Replaceme	nt Comp	onents			
NA	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHI	ER	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	A	SME ODE MPED
COM	PUNENI	MANUFACTURER	SERIAL NUMBER	BD. NO.	IDENTIFIC	CATION	BUILT	OR REPLACEMENT	STA	MPED
1//	ALVE	DRESSER	DN 04274	NI/A	DOV	40	NI/A	DEDI ACEMENT	YES	
			BN 04374	N/A	RCV-		N/A	REPLACEMENT		X
VA	ALVE	DRESSER	902205	N/A	RCV-	-11	N/A	REPLACEMENT		X
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NIS-2 CONTINUATION

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	47K# 337 000		
	DESCRIPTION OF WORK		
7.	REMOVED OLD RCV-10 S/N BL08901 AND INSTALLE	D NEW RCV-10 S/N BN04	374, REMOVED OLD RCV-11
	S/N 5156 AND INSTALLED NEW RCV-11 S/N 902205	BY BOLTING.	
8.	TESTS CONDUCTED		PRESSURE TEST TEMP.
V.	Hydrostatic Pneumatic Nominal Operating Pressure	Other N/A	2155 psi 532º °F
	REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)		
9.			
			A Company of the Comp
	SP-204 PERFORMED BY ISI 11/10/99 AT 2155 PISG	AND 532° (NOT / NOP)	
	CERTIFICATE O	F COMPLIANCE	
Λle	certify that the statements made in this report are correct	and this Repair	Replacement Conform
	ection XI of the ASME Code.	and the	Z Replacement comen
OWN	ER OR OWNER'S DESIGNEE SIGNATURE	ΠΤΙΕ	DATE
	tephen J. Roe	Principal Engineer	11/11/99
	oprior of the fact that	1 molpai Enginosi	11/11/11
	,		
	CERTIFICATE C	AE INCRECTION	
	CERTIFICATE	T INSPECTION	
	I, the undersigned, holding a valid commission issued I		
	Vessel Inspectors and the State or Province of employed by THE HARTFORD ST	FLORID EAM BOILER I & I COMPA	
	HARTFORD, CT		have inspected the
	components described in this Owner's Report during th		to
	, and state that to performed examinations and taken corrective measure	to the best of my knowledge s described in this Owner's	
	the requirements of the ASME Code, Section XI.		•
	By signing this certificate, neither the inspector nor his concerning the examinations and corrective measur		
	neither the Inspector nor his employer shall be liable		
	damage or a loss of any kind arising from or connected		
	Mails 1. Clarte	FL195	
	INSPECTOR'S SIGNATURE		, STATE, PROVINCE OR ENDORSEMENTS)
	11-15-89		
	DATE		



P.O. Box 14042 St. Petersburg, FL 33733-4042 2. PLANT Florida Power Corporation Crystal River Energy Complex 15760 W. Power Line Street Crystal River, FL 34428-6708 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 3. Florida Power Corporation ADDRESS 15760 W. Power Line Street, Crystal River, FL 34428-6708 4. REACTOR COOLANT (RC) APPLICABLE CONSTRUCTION CODE 5a. ANSI B31.7 CLASS 1 ANSI B31.7 CLASS 1 APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF COMPONENTS Repaired or Replaced and Replacement Components N/A / N/A 6. Identification of Components Repaired or Replaced and Replacement Components NAME OF OMPONENT MANUFACTURER MANUFACTURER'S NATIONAL IDENTIFICATION BUILT REPAIRED, REPLACED CREATED STAML VEST	1. OWNER Florida Power Corporation	DATE
2. PLANT Florida Power Corporation Crystal River Energy Complex 15760 W. Power Line Street Crystal River, FL 34428-6708 3. Florida Power Corporation ADDRESS 15760 W. Power Line Street, Crystal River, FL 34428-6708 4. REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 4. REACTOR COOLANT (RC) APPLICABLE CONSTRUCTION CODE APPLICABLE CONSTRUCTION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF COMPONENT ANAME OF COMPONENT NAME OF COMPONENT MANUFACTURER MANUFACTURER MANUFACTURER NATIONAL BD. NO. IDENTIFICATION Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 357141 Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. Page 1 of 2 REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. Page 1 of 2 REPAIR ORGANIZATION,	P.O. Box 14042	11/11/99
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YES TAME	NAME OF MANUFACTURER'S NATIONAL OTHER	YEAR REPAIRED, REPLACED ASME
	COMPONENT MANUFACTURER SERIAL NUMBER BD, NO. IDENTIFICA	
	VALVE DRESSER BL-08900 N/A RCV-1	

NIS-2 CONTINUATION WR# 357141

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	ESCRIPTION OF WORK						
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_	EMOVED OLD RCV-8 S/N E	SL-08899 AND REPLACE	D WITH NEW	RCV-8 S/N	BL-08900 BY	BOLI	ING
1	ESTS CONDUCTED				PRESSURE		TEST TEMP.
	<u>Г</u>	□			2155	psi	532°
	Hydrostatic Pneumatic EMARKS (INCLUDE MANUFACTURER'S DATA	Nominal Operating Press	ureOther	N/A	2100	psi	
	EMARKS (INCLUDE MANUFACTURERS DATA	REPORT NUMBER, IF APPLICABLE)					
		OFDTIFIO ATE					
		CERTIFICATE (OF COMPL	IANCE			
1	ertify that the statements mad	de in this report are corre	ct and thic	Repa	air 🕅 Ren	olaceme	nt Cont
			ot and tins				
٦	ction XI of the ASME Code.	•	ot and this		. <u></u>		
		•	ct and this		<u></u>		
	OR OWNER'S DESIGNEE SIGNATURE	•	TITLE			ATE	
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	OR OWNER'S DESIGNEE SIGNATURE	CERTIFICATE	TITLE S UP V	<i>α ~ Νυ</i> ς	ENG.	11/15	9 <u>/</u> 99
		CERTIFICATE valid commission issued	TITLE S UP V	<i>α ~ Νυ</i> ς	Boiler and Pre	11/15	3 <u>/</u> 99
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1.	OWNER	Elorido Pou	er Corporation			DATE				
1.	OWNER		-			DATE				
		P.O. Box 14 St. Petersbu	u42 irg, FL 33733-4042					11/11/1999		
2.	PLANT		er Corporation			<u> </u>				
۷.		Crystal Rive	r Energy Complex							
			wer Line Street							
		Crystal Rive	r, FL 34428-6708							
						Page	1	of 2		
_	WORK PERF	ORMED BY (NAME)				REPAIR OF	RGANIZATIO	N, P.O. NUMBER, WR NUMBER, ETC).	
3.		Power Corporati	on					WR 357230		
	ADDRESS					·				
	15760 V	W. Power Line St	reet, Crystal River	FI 3442	8-6708					
	IDENTIFICAT	TION OF SYSTEM	out, oryotal ration	, 1 = 0 1 12	-0 0/00					
4.	DE	ACTOR COOL A	NT (DO)							
	APPLICABLE	ACTOR COOLA	NT (RC)		EDITION		LABBENDA	0005 01050		
. .	74 7 EIOABEL	CONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES		
5a.		USAS B31.7	7 ILIZED FOR REPAIRS OR REP		1	9 68	DRAF	T		
	APPLICABLE	EDITION OF SECTION XI UT	ILIZED FOR REPAIRS OR REP	LACEMENTS	ADDENDA, CODE O	CASES				
5b.		19	989				N/A	/ N/A		
•	1 al = 4:4" = -			• . –						
6.	identifica	ation of Component	s Repaired or Repla	ced and R	teplacement (Compon	ents			
NA	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHE	ER .	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	A	SME ODE MPED
COMI	PONENT	MANUFACTURER	SERIAL NUMBER	BD. NO.	IDENTIFIC	CATION	BUILT	OR REPLACEMENT	STA	MPED
									YES	NO
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NIS-2 CONTINUATION

Page 2 of 2

	VVR# 357230		_		
	DESCRIPTION OF WORK				
7.	REMOVED OLD RCV-9 S/N BU03148 AND INSTALLED NEW RCV-9 S/N BU0314	0 PV POLTI	JC.		
••	REMOVED OLD ROV-9 5/14 BOOS 140 AND INSTALLED NEW ROV-9 5/14 BOOS 14	9 DT BOLIII	4 G		
		: 1			
8.	TESTS CONDUCTED	PRESSURE	Т	EST TEMP.	
v.	The street of th	2155	psi	532°	۹۰
	Hydrostatic Pneumatic Nominal Operating Pressure Other N/A REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)				
	TEMPLE (NOTOSE INITION NOTOSERO DA TANCE OS TRANSPORTE OS TRANSPORTES OS TRANSPOR				
9.					
	SP-204 PERFORMED BY ISI 11/10/99 AT 2155 PISG AND 532° (NOT / NOP)				
	OFRITION TO OF COMPLIANCE				
	CERTIFICATE OF COMPLIANCE				
		N			_
	certify that the statements made in this report are correct and this	⊠ Repla	ceme	nt Con	forn
υS	ection XI of the ASME Code.				
NWC	ER OR OWNER'S DESIGNEE SIGNATURE	DATE			
0	tephen J. Roe Principal Engineer		.1.1		
	rincipal Engineer		1 11	99	
	CERTIFICATE OF INSPECTION				
	SERVINIOATE OF INGLESTION				
	I, the undersigned, holding a valid commission issued by the National Board of Boi	ler and Press	ure		
	Vessel Inspectors and the State or Province of FLORID				
	employed by THE HARTFORD STEAM BOILER I & I COMPA			of	
	HARTFORD, CT		inspe	cted the	
	components described in this Owner's Report during the period $\frac{10/9}{11/29/99}$, and state that to the best of my knowledge	799		to	
	///29/99 , and state that to the best of my knowledge performed examinations and taken corrective measures described in this Owner's F	and beliet, tr	ie Ow	ner nas	
	the requirements of the ASME Code, Section XI.	Report in acc	ordan	ice with	
	By signing this certificate, neither the inspector nor his employer makes any warran	ntv. expresse	d or i	mplied	
	concerning the examinations and corrective measures described in this Owne				
	neither the Inspector nor his employer shall be liable in any manner for any pe				
	damage or a loss of any kind arising from or connected with this inspection.				
	Bruce M. Earnigh TV 2534 INSPECTOR'S SIGNATURE COMMISSIONS (NATIONAL BOARD,				
	INSPECTOR'S SIGNATURE TN 2.534 COMMISSIONS (NATIONAL BOARD,	STATE PROVINCE	OR ENDC	PSEMENTS	_
	COMMINISSIONS (NATIONAL BOARD,	STATE, PROVINCE	W ENDO	WOEMEN 19	,
	11/29/99				
	DATE				



NIS-2 FRM

1.	OWNER	Florida Pow	er Corporation	•		DATE				
1.		P.O. Box 14	-							
			irg, FL 33733-4042					11/16/99		
2.	PLANT	Crystal Rive 15760 W. Po	er Corporation er Energy Complex ower Line Street er, FL 34428-6708							
	WORK PER	FORMED BY (NAME)				Page	1 CANIZATIO	of 2 N, P.O. NUMBER, WR NUMBER, I	TC	
3.		Power Corporat	ion			REPAIR OF	GANZATIO	WR 362717	±1 C ,	
••	ADDRESS	rowel Colpolal	IOH			I		VII 3027 17		
	15760	W Powerline S	treet, Crystal Rive	r Fl 34	428-6708					
	IDENTIFICAT	ION OF SYSTEM	dicci, Orystai Me	71, I L 04	420-0700			 .		
4.	REAC	TOR COOLANT	(RC)							
	APPLICABLE	CONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES		
5a.	USAS B	31.7				9 68	DRAF	T / N/A		
	APPLICABLE		ILIZED FOR REPAIRS OR REPL	ACEMENTS	ADDENDA, CODE	CASES				
5b.		19	989				N/A	/ NA		
6.	ldentific	ation of Componer	nts Repaired or Rep	laced and	d Replaceme	nt Comp	onents			
NA	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHI	ER	YEAR BUILT	REPAIRED, REPLACE OR REPLACEMENT	D {	ASME CODE AMPED
COM	PONENI	MANUFACIURER	SERIAL NUMBER	BD. NO.	DENTIFIC	CATION	BUILT	OR REPLACEMENT	ST	AMPED
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Г		IN/A	N/A	N/A	CRDM	L-10	N/A	REPLACEMENT		X
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NIS-2 CONTINUATION WR# 362717

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CERTIFICATE OF COMPLIANCE Servify that the statements made in this report are correct and this Repair Replacement Conscion XI of the ASME Code. CERTIFICATE OF INSPECTION Title Principal Engineer Principal Engin	——————————————————————————————————————					PRESSURE		IESI IEMP.
CERTIFICATE OF COMPLIANCE Sertify that the statements made in this report are correct and this Repair Replacement Control of the ASME Code. ROR OWNERS DESIGNEE SIGNATURE CERTIFICATE OF INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Principal Engineer Vessel Inspectors and the State or Province of FLORIDA employed by THE HARTFORD STEAM BOILER I & I COMPANY of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10-7-99 to 11-25-99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. ALLALLALLALLALLALLALLALLALLALLALLALLAL	Hvdrostatic	Pneumatic Nominal Operating	Pressure	Other	N/A	2155	. psi	532°
CERTIFICATE OF COMPLIANCE ertify that the statements made in this report are correct and this Repair Replacement Concion XI of the ASME Code. CONCONNERS DESIGNATURE Principal Engineer TITLE Principal Engineer CERTIFICATE OF INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Yessel Inspectors and the State or Province of FLORIDA THE HARTFORD, CT COMPANY ARTFORD, CT COMPONIES DESIGNATURE OF HARTFORD, CT COMPONIES DESIGNATURE ARTFORD, CT ARTFORD, CT COMPONIES DESIGNATURE ARTFORD, CT AND HARTFORD, CT AND HARTFORD STEAM BOILER I & I COMPANY OF HARTFORD THE MEDICAL PROPERTY OF A LOWER AND THE MEDICAL PROPERTY OF THE MEDICA				<u> </u>				*****
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HARTFORD, CT components described in this Owner's Report during the period //-7-99 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. **Laure Class** *	•							
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By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. **False** **Fa	performed exam	inations and taken corrective	measures de	scribed	in this Owne	er's Report in	n accordai	nce with
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damage or a loss of any kind arising from or connected with this inspection. Fc 195	concerning the	examinations and corrective	measures of	lescribe	d in this C	wner's Rep	ort. Furth	ermore,
	damage or a los	ector nor his employer shall s of any kind arising from or c	be liable in onnected with	any ma i this in:	inner for an spection.	y personal i	injury or _l	oroperty
INSPECTOR'S SIGNATURE COMMISSIONS (NATIONAL BOARD, STATE, PROVINCE OR ENDORSEMENTS)	· ·			FCI	25			
	INSPECTOR'S SIGNATU	RE		COMMISSI	ONS (NATIONAL BO	DARD, STATE, PRO	VINCE OR END	ORSEMENTS)
	11 - 10	O ₁						
11 a = 00	11-25-9	7						
11-25-99	DATE							



						DATE				
1.	OWNER		er Corporation			DATE				
		P.O. Box 14						11/04/99		
			irg, FL 33733-4042					11/04/99		
2.	PLANT		er Corporation							
			r Energy Complex ower Line Street							
			r, FL 34428-6708							
		0.70	.,			D				
	WORK BEDE	ORMED BY (NAME)				Page	1	of 2		
_	WORK PERF	ORMED BY (NAME)				REPAIR OF		N, P.O. NUMBER, WR NUMBER, ETC	;.	
3.	Florida	Power Corporati	on				Λ	VR 362883 Rev.1		
	ADDRESS	•							• • • • • • • • • • • • • • • • • • • •	
	45760 \	Al Dower Line Ct	root Cristal Diver	EL 2442	0.0700					
	IDENTIFICAT	ION OF SYSTEM	reet, Crystal River	, FL 3442	0-0/00					
4	IDENTIFICAT	ION OF STATEM								
4.	Reacte	or Coolant (RC)								
	APPLICABLE	CONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES		
5a.	USAS E	31.1		1		0 07		ALCO ALCO		
Ja.	ADDI ICADI C	EDITION OF OCCUPANT				9 67	<u> </u>	N/A , N/A		
	APPLICABLE	EDITION OF SECTION XI UT	ILIZED FOR REPAIRS OR REP	LACEMENTS	ADDENDA, CODE (CASES				
5b.		19	989				N/A	\ / NA		
6.	Identifica	ation of Component	ts Repaired or Repla	ced and R	eplacement (Compon	ents			
NA	ME OF	NAME OF	MANUFACTURER'S	NATIONAL	ОТН	FR	VEAR	PEDAIRED PEDIACED	A	SME
COM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONAL BD. NO.	. OTHI	CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	STA	SME ODE MPED
				l						
									YES	NO
	PONENT	POWER PIPING	750128	N/A	RCH-	-69	N/A	REPLACEMENT		N
SUF	PORT									
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NIS-2 CONTINUATION

Page	2	of	2
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	VVINT SO	2005				- 1	
	DESCRIPTION OF WORK						
	REMOVED SNUBBER S/N 720132 FROM LOC	CATION F	RCH-69	AND REPLAC	ED WITH A	"LIKE FO	R LIKE"
	ONLINDED ON 750400 DEDUIL TUNDED WE	250204			· · · · · · · · · · · · · · · · · · ·		
	SNUBBER S/N 750128 REBUILT UNDER WR	339291.			•		
					,		
	TESTS CONDUCTED			<u> </u>	PRESSURE	mai	TEST TEMP.
	Hydrostatic Pneumatic Nominal Operating F		Other	N/A	1	psi	
		,					
		<u></u>					
	CERTIFICA certify that the statements made in this report are			,	pair 🔀 F	Penlacem	ent Cont
	ection XI of the ASME Code.	e conect	anu uns		han 🖂 r	керіасепі	ent Com
_	ER OR OWNER'S DESIGNEE SIGNATURES		TITLE			DATE	
	tephen J. Roe		Pri	incipal Engine	eer	11/04/	1999
	/ Year		i			<u> </u>	
	CERTIFIC	CATE O	F INSP	PECTION			
	I, the undersigned, holding a valid commission	issued b	y the Na	ational Board o	f Boiler and	Pressure	
	Vessel Inspectors and the State or Province of		- 444 D.C		DRIDA		- 5
	employed by THE HARTFORD		=AM BC	ILER I & I CO		have insp	of ected the
	components described in this Owner's Report of	during the	-	19-23-8	3	<u> </u>	to
	performed examinations and taken corrective r			st of my knowl ed in this Own			
	the requirements of the ASME Code, Section X	KI.			-		
	By signing this certificate, neither the inspector concerning the examinations and corrective						
	neither the Inspector nor his employer shall I damage or a loss of any kind arising from or co	be liable	in any	manner for a			
		лиескей		. ,			
	Mark / Wart			Z/25 MISSIONS (NATIONAL E	BOARD, STATE, PRO	OVINCE OR EN	DORSEMENTS)
				,	,,		
	17_1-99						
	72-6-99 DATE						



NIS-2 FRM

	T	Flavida David				DATE				
1	OWNER	P.O. Box 140	er Corporation 042 Irg, FL 33733-4042			DAIL		3/23/99		
2.	PLANT	Crystal Rive 15760 W. Po	er Corporation er Energy Complex ower Line Street er, FL 34428-6708			Page	1	of 2		
ļ	WORK PERI	FORMED BY (NAME)						N, P.O. NUMBER, WR NUMBER, ETC	<u> </u>	•
3.		Power Corporat	tion					WR 349118		
J.	ADDRESS	Power Corporal	uon			l		7717 0-10110		
	15760	W. Power Line S	street, Crystal Rive	er. FL 34	428-6708					
	IDENTIFICAT	ION OF SYSTEM								
4.	DH									
	USAS B	CONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES		
5a.					1	9 69	N/A			
	APPLICABLE	EDITION OF SECTION XI UT	ILIZED FOR REPAIRS OR REPA	ACEMENTS	ADDENDA, CODE	CASES				
5b.		19	989				N/A	· / NA		
6.	Identification of Components Repaired or Replaced and Repla				l Replaceme	nt Com	onents			
NAI	ME OF	NAME OF	MANUFACTURER'S	NATIONA	L OTH	ER	YEAR	REPAIRED, REPLACED	A	SME
COM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHI IDENTIFIC	CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	STA	SME ODE MPED
									YES	NO
VA	LVE	CRANE	N/A	N/A	DHV	<i>I-</i> 7	N/A	REPLACEMENT	†	N
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NIS-2 CONTINUATION Page 2 2 of WR# 349118 DESCRIPTION OF WORK 7. REPLACED STUDS AND NUTS IN DHV-7 TESTS CONDUCTED PRESSURE TEST TEMP. 8. N/A N/A ۰F nsi Nominal Operating Pressure Other Hydrostatic Pneumatic N/A REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE) 9. CERTIFICATE OF COMPLIANCE Repair E Replacement Conforms We certify that the statements made in this report are correct and this to Section XI of the ASME Code. ISI - Engileer **CERTIFICATE OF INSPECTION** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of **FLORIDA** THE HARTFORD STEAM BOILER I & I COMPANY employed by of HARTFORD, CT have inspected the 8-13-1998 components described in this Owner's Report during the period 11-3-99 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

DATE

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11-3-49

COMMISSIONS (NATIONAL BOARD, STATE, PROVINCE OR ENDORSEMENTS)





1		Clarida David	er Corporation			DATE				
1	OWNER	P.O. Box 146						3/23/99		
2.	PLANT	Crystal Rive 15760 W. Po	er Corporation er Energy Complex wer Line Street er, FL 34428-6708			Page	1	of 2		•
	WORK PERF	FORMED BY (NAME)					RGANIZATIOI	N, P.O. NUMBER, WR NUMBER, ETC		
3.	Florida	Power Corporat	ion					WR 349119		
Ψ.	ADDRESS	i r owel ocipolal	iion .			i				
	45700	M D		- EL 04	400 0700					
	15/60 TO TO TO TO TO TO TO TO TO TO TO TO TO	VV. POWERLINE S	treet, Crystal Rive	r, FL 34	428-6708					
4.		ION OF STSTEM								
4.	DH									
i	USAS B	CONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES		
5a.	COAGE	31.1.0		ž.	1	9 67	N/A			
	APPLICABLE	EDITION OF SECTION XI UT	LIZED FOR REPAIRS OR REPL	ACEMENTS	ADDENDA, CODE (CASES				
5b.		19	989				N/A	· / NA		
	Identific	ation of Componer	nts Repaired or Rep	laced and	I Penlaceme	nt Come	vonante			
6.		·						T	1	
NAN	ME OF ONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHI	ER ATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	Ĉ	ME MPED
					.				<u> </u>	,
1/4	13.75	00411E	NE/A	bara.	51.0		NIA	REPLACEMENT	YES	
VA	LVE	CRANE	N/A	N/A	DHV	-8	N/A	REPLACEIVIENT		N
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	NIS-2 CONTINUATION	_		
	WR# 349119	age	2	of 2
	DESCRIPTION OF WORK,			
7	INSTALLED NEW BONNET STUDS ON DHV-8.			
• •	INSTALLED NEW BONNET STODS ON DRV-0.			
			··· · · · · · · · · · · · · · · · · ·	
8.	TESTS CONDUCTED PRESSURE		IEST TE	IP.
	Hydrostatic Pneumatic Nominal Operating Pressure Other N/A	psi	N/A	۴°
	REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)	<u>.</u>		
9,				
	`			
	CERTIFICATE OF COMPLIANCE			
	CERTIFICATE OF CONPLIANCE			
مراا	e certify that the statements made in this report are correct and this	00man	+ Ca	nforme
	e certify that the statements made in this report are correct and thisRepair_ 区 Replace Section XI of the ASME Code.	cemen	il Cu	HUHHS
OWN	NER OR WHER'S DESIGNEE STONATURE 1. TSI - Evgineer 3			
	i'll EMM ISI - Engineer 3	3-2	-3-	77
	CERTIFICATE OF INSPECTION			
	CERTIFICATE OF INSPECTION			
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pres	sure		
	Vessel Inspectors and the State or Province of FLORIDA			_
	employed by THE HARTFORD STEAM BOILER I & I COMPANY			f
	Components described in this Owner's Report during the period ### April 198	inspe		
		he Ow	to	
	17 7 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1	116 OW	1101 11	
				h
	performed examinations and taken corrective measures described in this Owner's Report in accepte requirements of the ASME Code, Section XI.	cordan	ce wit	
	performed examinations and taken corrective measures described in this Owner's Report in accepte requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expresse	cordan ed or i	ce wit	ſ,
	performed examinations and taken corrective measures described in this Owner's Report in acceptable requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expresse concerning the examinations and corrective measures described in this Owner's Report.	cordan ed or in Furthe	ce wit mplied	i,),
	performed examinations and taken corrective measures described in this Owner's Report in acceptable requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expresse concerning the examinations and corrective measures described in this Owner's Report. neither the Inspector nor his employer shall be liable in any manner for any personal injury.	cordan ed or in Furthe	ce wit mplied	i,),
	performed examinations and taken corrective measures described in this Owner's Report in acceptable the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expresses concerning the examinations and corrective measures described in this Owner's Report. neither the Inspector nor his employer shall be liable in any manner for any personal injury damage or a loss of any kind arising from or connected with this inspection.	cordan ed or in Furthe y or p	ce wit mplied ermore roper	i, e, y
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						DATE					
1.	OWNER		er Corporation			DATE					
		P.O. Box 140 St. Petersbu	042 Irg, FL 33733-4042					11/12/99			
2.	PLANT	Florida Pow Crystal Rive 15760 W. Po	er Corporation er Energy Complex ewer Line Street er, FL 34428-6708			Page	1		2		
	WORK PERF	FORMED BY (NAME)	WEINING.					N, P.O. NUMBER, WR NUM	_		
3.	Florida ADDRESS	Power Corporat	tion					WR 352129			
	15760	W. Power Line S	treet, Crystal Rive	er, FL 34	_ 34428-6708						
4.	IDENTIFICAT	ION OF SYSTEM	MAIN STEAM	(MS)							
	APPLICABLE	ICABLE CONSTRUCTION CODE EDITION ADDENDA, CODE CASES									
5a.	USAS B	31.1				9 67	N/A	/ N/A			
_,	APPLICABLE		ILIZED FOR REPAIRS OR REPL	ACEMENTS	ADDENDA, CODE	CASES		**.			
5b.		19	989				N/A	/ N/A			
6.	Identific	ation of Componer	nts Repaired or Rep	laced and	l Replaceme	nt Comp	onents				
NA	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHI	ER	YEAR BUILT	REPAIRED, REPL OR REPLACEM	ACED	ASME CODE STAMPE	
COM	PONENT	MANUFACTURER	SERIAL NUMBER	BD. NO.	IDENTIFIC	CATION	BUILT	OR REPLACEM	IENT	STA	MPED
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NIS-2 CONTINUATION Page 2 of 2 WR# 352129 DESCRIPTION OF WORK 7. REPLACED THE VALVE DISC IN MSV-26 TESTS CONDUCTED PRESSURE TEST TEMP. 8. OPERATING Nominal Operating Pressure 850 ۰F Hydrostatic Pneumatic Other N/A REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE) 9. **CERTIFICATE OF COMPLIANCE** We certify that the statements made in this report are correct and this Repair Replacement Conforms to Section XI of the ASME Code. OWNER OR OWNER'S DESIGNEE SIGNATUR DATE Stephen J. Roe Principal Engineer **CERTIFICATE OF INSPECTION**

I, the undersigned, hol	ding a valid commission issued by the	e National Board of Boile	er and Pressure
Vessel Inspectors and	the State or Province of	FLORIDA	
employed by	BOILER I & I COMPAN	Y of	
	HARTFORD, CT		have inspected the
components described	I in this Owner's Report during the per	riod 9-15-91	B to
11-25-99	, and state that to the	best of my knowledge a	and belief, the Owner has
the requirements of the By signing this certification concerning the exam neither the Inspector	ns and taken corrective measures des e ASME Code, Section XI. ate, neither the inspector nor his emp inations and corrective measures d nor his employer shall be liable in a ny kind arising from or connected with	loyer makes any warrant escribed in this Owner any manner for any per	ty, expressed or implied, 's Report. Furthermore,
Jacks /	? Waite	FL195	
11-15-99 DATE		COMMISSIONS (NATIONAL BUARD, S	TATE, PROVINCE OR ENDORSEMENTS)



NIS-2 FRM

1.	OWNER	Florida Pow	er Corporation			DATE		········				
		P.O. Box 140 St. Petersbu	042 irg, FL 33733-4042					11/13/99				
2.	PLANT	Crystal Rive 15760 W. Po	er Corporation er Energy Complex ewer Line Street er, FL 34428-6708			Page	1	of 2				
-	WORK PERI	FORMED BY (NAME)						N, P.O. NUMBER, WR NUMBER, ETC	<u>.</u>			
3.	Florida	Power Corporat	tion					WR 352985				
	ADDRESS					<u> </u>	****					
	15760	760 W. Power Line Street, Crystal River, FL 34428-6708										
	IDENTIFICATION OF SYSTEM											
4.	M.	AKEUP AND PU	RIFICATION (MU)									
	APPLICABLE	CONSTRUCTION CODE USAS E			EDITION		ADDENDA	, CODE CASES				
5a.	ADDI ICADI			1051555		9 67	N/A	·				
5b.	APPLICABLE		LIZED FOR REPAIRS OR REPL	ACEMENTS	ADDENDA, CODE (CASES						
ου.			989					N/A				
6.	Identific	ation of Componer	nts Repaired or Rep	laced and	d Replaceme	nt Com	onents					
NA	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHI	ER SATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	A	SME ODE MPED		
	ONLIN	MANOI ACTORER	SERIAL NOWIDER	BD. NO.	IDENTIFIC	ATION	BOIL	OR REPLACEMENT	<u> </u>			
\/A	ALVE	N/A	N/A	N/A	MUV-	147	N/A	REPLACEMENT	YES	NO X		
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TESTS CONDUCTED Hydrostatic	igo Z Oi
REPLACED THE VALVE DISC IN MUV-147 TESTS CONDUCTED	
CERTIFICATE OF COMPLIANCE Certify that the statements made in this report are correct and this Repair Replace action XI of the ASME Code. R OR OWNERS DESIGNATURE CERTIFICATE OF INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressur Vessel Inspectors and the State or Province of FLORIDA HARTFORD, CT Components described in this Owner's Report during the period 1-2-9-00, and state that to the best of my knowledge and belief, the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed concerning the examinations and taken corrective measures described in this Owner's Report. Function is now the spector of the inspector or his employer makes any warranty, expressed concerning the examinations and corrective measures described in this Owner's Report. Function is now the spector or his employer makes any warranty, expressed concerning the examinations and corrective measures described in this Owner's Report. Funcither the Inspector nor his employer makes any warranty, expressed concerning the examinations and corrective measures described in this Owner's Report. Funcither the Inspector nor his employer makes any warranty, expressed concerning the examinations and corrective measures described in this Owner's Report. Funcither the Inspector nor his employer makes any warranty, expressed concerning the examinations and corrective measures described in this Owner's Report. Funcither the Inspector nor his employer shall be liable in any manner for any personal injury of damage or a loss of any kind arising from or connected with this inspection.	
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CERTIFICATE OF COMPLIANCE Certify that the statements made in this report are correct and this Repair Replace ection XI of the ASME Code. ROR OWNERS DESIGNEE SIGNATURE Principal Engineer CERTIFICATE OF INSPECTION 1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressur Vessel Inspectors and the State or Province of FLORIDA employed by THE HARTFORD STEAM BOILER I & I COMPANY HARTFORD, CT have incomponents described in this Owner's Report during the period 1-6-99 , and state that to the best of my knowledge and belief, the performed examinations and taken corrective measures described in this Owner's Report in according the examinations and corrective measures described in this Owner's Report. Funeither the Inspector nor his employer makes any warranty, expressed concerning the examinations and corrective measures described in this Owner's Report. Funeither the Inspector nor his employer shall be liable in any manner for any personal injury of damage or a loss of any kind arising from or connected with this inspection.	
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Vessel Inspectors and the State or Province of FLORIDA employed by THE HARTFORD STEAM BOILER I & I COMPANY HARTFORD, CT have incomponents described in this Owner's Report during the period //-6-99 /-20-00 , and state that to the best of my knowledge and belief, the performed examinations and taken corrective measures described in this Owner's Report in according the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed concerning the examinations and corrective measures described in this Owner's Report. Furneither the Inspector nor his employer shall be liable in any manner for any personal injury of damage or a loss of any kind arising from or connected with this inspection.	
Vessel Inspectors and the State or Province of ELORIDA employed by THE HARTFORD STEAM BOILER I & I COMPANY HARTFORD, CT have incomponents described in this Owner's Report during the period //-6-99 /-20-00 , and state that to the best of my knowledge and belief, the performed examinations and taken corrective measures described in this Owner's Report in according the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed concerning the examinations and corrective measures described in this Owner's Report. Furneither the Inspector nor his employer shall be liable in any manner for any personal injury of damage or a loss of any kind arising from or connected with this inspection.	
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neither the Inspector nor his employer shall be liable in any manner for any personal injury of damage or a loss of any kind arising from or connected with this inspection.	
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1.114	d or implied, Furthermore,
Carly a Clarto FL 195	d or implied, Furthermore,
INSPECTOR'S SIGNATURE COMMISSIONS (NATIONAL BOARD, STATE, PROVINCE OR	d or implied, Furthermore,

DATE



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1	OWNER	P.O. Box 14	/er Corporation 042 urg, FL 33733-4042			DATE		3/23/99			
2.	PLANT	Florida Pow Crystal Rive 15760 W. Po	ver Corporation er Energy Complex ower Line Street er, FL 34428-8708	· · · · · · · · · · · · · · · · · · ·				.,			
						Page		1 of 2			
	WORK PER	RFORMED BY (NAME)				REPAIR C	RGANIZATI	ON, P.O. NUMBER, WR NUMBER, ET	5.	•	
3.	Florida	a Power Corporat				WR 355192					
!	ADDRESS										
	15760 W. Power Line Street, Crystal River, FL 34428-6708										
	IDENTIFICA	TION OF SYSTEM	on out, Cryotal rais	JI, 1 L 04-	120-0100						
4.	FW										
		E CONSTRUCTION CODE	<u></u>		EDITION	 -	LADDENO	A, CODE CASES			
5a.	USAS						1				
Ja.	ADDI ICADI	E EDWAN OF GEODOLVILLE	ILIZED FOR REPAIRS OR REP			9 67	N/A	/ N/A			
	AFFLAABL			LACEMENTS	ADDENDA, CODE C	CASES					
5b.		19	989		_		N/A	A / NA			
6.	Identific	ation of Componer	nts Repaired or Rep	laced and	Replacemen	nt Com	nonente				
		T	T				<u></u>				
COMP	ME OF ONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONAL BD. NO.	. OTHE	ATION	即沿	REPAIRED, REPLACED OR REPLACEMENT	, Ĉ	SME ODE UMPED	
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WF	R# 355192			Page	2	of
DESCRIPTION OF WORK		·	·····	<u> </u>	·	
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REPLACED SNUBBER AT FWH-148 WITH	1 S/N /40066.					
TESTS CONDUCTED		<u> </u>	PRESSURE		TEST TEN	IP.
Hydrostatic Pneumatic Nominal Oper	rating Pressure	Other N/A	N/A	psi	N/A	
REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, I		Other N/A	L		1	
•	······································					
	•					
	- ;;		····			_
R OR OWNER'S DESIGNEE SIGNATURE		TITLE	Di	ATE		_
M. The		ISI-Engil	سهم	3-2	-2-	7
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0	~=					
CERI	IFICATE OF I	ISPECTION				
I, the undersigned, holding a valid commis	ssion issued by th	e National Roam of Ro	ilar and Dr	accura		
Vessel Inspectors and the State or Province	ce of	FLORIC		cssure		
		BOILER I & I COMPA			ō	Ē
HARTF	ORD, CT	•		ve inspe	ected th	e
components described in this Owner's Rep	ort during the pe	riod 10-9-98			to)
<u>4-u-99</u> , an	d state that to the	best of my knowledge	and belief	, the O	wner ha	ıs
performed examinations and taken correct the requirements of the ASME Code, Secti	ive measures de:	scribed in this Owner's	Report in a	rccorda	nce wit	a
By signing this certificate, neither the inspe	IUII AI. Potor nor his emn	lover makes any warra	ntu avarac	sood on	imaliaa	ı
concerning the examinations and correct	tive measures d	escribed in this Owne	iity, expres ar's Renori	sseu oi Funth	nuhnec	,
neither the Inspector nor his employer st	hall be liable in a	any manner for any po	ersonal ini	urv or	propert	,
damage or a loss of any kind arising from o	or connected with	this inspection.		,	p. 0 p. 0 , 1	,
64 1115		10-10-0				
NSPECTOR'S SIGNATURE		NB 7550 INCA COMMISSIONS (NATIONAL BOARD,	FC 1 85		0005: 27:	
= Jane standing		COMMISSIONS [NATIONAL BOARD,	STATE, PROVING	LE OR END	ORSEMEN	S)
4-4-99						
DATE	····					



1.	OWNER	Florida Pow	er Corporation		****	DATE				
			ırg, FL 33733-4042					11/02/99		
2.	PLANT	Crystal Rive 15760 W. Po	er Corporation er Energy Complex ower Line Street er, FL 34428-6708			Page	1	of 2		
	WORK PER	FORMED BY (NAME)						N, P.O. NUMBER, WR NUMBER, ETC	.	
3.	Florida	a Power Corporat	tion					WR 356160		
	ADDRESS									
	15760	W. Power Line S	treet, Crystal Rive	er. FL 34	428-6708					
	IDENTIFICAT	TION OF SYSTEM	, , , , , , , , , , , , , , , , , , , ,							
4.	Main	Steam (MS)								
	APPLICABLE	CONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES		
5a.	USAS	331.1			1	9 67		N/A, N/A		
	APPLICABLE	EDITION OF SECTION XI UT	ADDENDA, CODE	CASES						
5b.		19	989				N/A	\ / NA		
6.	Identific	ation of Componer	nts Repaired or Rep	laced and	l Replaceme	nt Com	onents			
NA	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHI	ER_	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	Ą	SME ODE MPED
COIVI	PONENT	MANUFACIORER	SERIAL NUMBER	BD. NO.	IDENTIFIC	SATION	BUILT	OR REPLACEMENT	STA	MPED
									YES	NO
1	PONENT	POWER PIPING	720082	N/A	MSH-	165	N/A	REPLACEMENT		N
SUF	PPORT								<u> </u>	<u> </u>
									\top	†
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NIS-2 CONTINUATION

Page	2	of	2
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	WK# 330 100				
Ţ	ESCRIPTION OF WORK			•	
L	REMOVED SNUBBER S/N 730022 FROM LOCATION	MSH-165 AND REPLACE	D WITH A "	LIKE F	OR LIKE"
-	SNUBBER S/N 720082 REBUILT UNDER WR 359295.				
	ESTS CONDUCTED		PRESSURE		TEST TEMP.
	Hydrostatic Pneumatic Nominal Operating Pressure	Other N/A		psi	
₹	EMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)		10 1		
_					
		•			
					1 11
	CERTIFICATE O	E COMPLIANCE			
	CENTIFICATE O	F COMPLIANCE			
	ertify that the statements made in this report are correct	and this Repai	ir 🛛 Rei	olaceme	ent Confor
	ction XI of the ASME Code.		<u>2.3</u>		
	OR OWNER'S DESIGNEE SIGNATURE	TITLE	l DA	ATE	
	phen J. Roe	Principal Engineer	I	 11/02/	1999
	· · · · · · · · · · · · · · · · · · ·	1			
	.				
	CERTIFICATE C	E INSPECTION	¥.		
	CERTIFICATE	A MOFECTION			
	I, the undersigned, holding a valid commission issued to	-	The state of the s	essure	
	Vessel Inspectors and the State or Province of employed by THE HARTFORD ST	FLORI EAM BOILER I & I COMP.			of
	HARTFORD, CT	E WI DOILLIN I & I COMP.		/e inspe	ected the
	components described in this Owner's Report during the				to
		o the best of my knowledg			
	performed examinations and taken corrective measures the requirements of the ASME Code, Section XI.	s described in this Owner's	s keport in a	iccorda	nce with
	By signing this certificate, neither the inspector nor his	employer makes any warr	anty, expres	ssed or	implied,
	concerning the examinations and corrective measure	es described in this Owr	ner's Report	t. Furth	ermore.
	neither the Inspector nor his employer shall be liable damage or a loss of any kind arising from or connected	in any manner for any positry with this inspection.	personal inj	ury or	property
	lader 12 lelaite	FL 195			
	INSPECTOR'S SIGNATURE	FZ /9.5 COMMISSIONS (NATIONAL BOAR	D, STATE, PROVIN	CE OR END	ORSEMENTS)
	11-9-99				
	DATE				



NIS-2 ERM

4		Florido Dove	0			DATE					
1.	OWNER		er Corporation			DAIL					
		P.O. Box 14 St. Petersbu	u42 irg, FL 33733-4042					10/27/99			
2.	PLANT	Florida Pow Crystal Rive 15760 W. Po	er Corporation er Energy Complex ower Line Street er, FL 34428-6708			Page	1	of 2			
	WORK PER	FORMED BY (NAME)					RGANIZATIO	N, P.O. NUMBER, WR NUMBER, ETC	:		
3.	Florida	a Power Corporat	tion			WR 356198					
	ADDRESS			- 1100		·					
	15760	W. Power Line S	Street, Crystal Rive	er. FL 34	428-6708			•			
	IDENTIFICAT	TON OF SYSTEM									
4. DECAY HEAT REMOVAL (DH)											
	APPLICABLE	CONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES			
5a.	USAS E	331.1			1	9 67		N/A , N/A			
	APPLICABLE	EDITION OF SECTION XI UT	ILIZED FOR REPAIRS OR REPI	ACEMENTS	ADDENDA, CODE O		·				
5b.		19	989				N/A	\ / NA			
6.	Identific	ation of Componer	nts Repaired or Rep	laced and	i Replaceme	nt Com	onents				
NA	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHI	ER	YEAR BUILT	REPAIRED, REPLACED	AS	SME ODE MPED	
COM	PONENT	MANUFACTURER	SERIAL NUMBER	BD. NO.	IDENTIFIC	CATION	BUILT	REPAIRED, REPLACED OR REPLACEMENT	STA	MPED	
				_					YES	NO	
COMI	PONENT	POWER PIPING	740097	N/A	DHH-	-23	N/A	REPLACEMENT	 	N	
SUF	PPORT										
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# **NIS-2 CONTINUATION**

Page	2	of	2

REMOVED SNUBBER S/N 730018 FROM LOCATION DHH-23 AND REPLACED WITH A LIKE FOR LIKE   SNUBBER S/N 740097 REBUILT UNDER WR 359123.		WR# 356198	. ugo	-	01
SNUBBER S/N 740097 REBUILT UNDER WR 359123.  TESTS COMPUCTED    Hydrostatic   Pneumatic   Nominal Operating Pressure   Other   N/A   Pail   TEST TEMP.   REMARKS (INCLUDE MANUFACTUREYS DATA REPORT NUMBER, IF APPLICABLE)    CERTIFICATE OF COMPLIANCE		DESCRIPTION OF WORK	*****		
TESTS CONDUCTED    Hydrostatic   Pneumatic   Nominal Operating Pressure   Other   N/A   psi   TEST TEMP.     REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPUCABLE)    CERTIFICATE OF COMPLIANCE		REMOVED SNUBBER S/N 730018 FROM LOCATION DHH-23 AND REPLACED WITH A LIF	Œ FO	R LIKI	E
CERTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HARTFORD, CT HARTFORD, CT Have inspected the components described in this Owner's Report during the period 1.79-99.  In the undersigned in this Owner's Report during the period 1.79-99.  In the undersigned in this Owner's Report during the period 1.79-99.  In the undersigned in this Owner's Report during the period 1.79-99.  In the undersigned in this Owner's Report during the period 1.79-99.  In the undersigned in this Owner's Report during the period 1.79-99.  In the undersigned in this Owner's Report during the period 1.79-99.  In the undersigned in this Owner's Report during the period 1.79-99.  In the undersigned in this Owner's Report during the period 1.79-99.  In the undersigned in this Owner's Report during the period 1.79-99.  In the undersigned in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.  By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.		SNUBBER S/N 740097 REBUILT UNDER WR 359123.			
CERTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Principal Engineer  CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of FLORIDA  THE HARTFORD, CT have inspected the components described in this Owner's Report during the period 9-0-99 to Austinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.  By signing this certificate, neither the inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector or his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.  AsAL A. Mast.					
CERTIFICATE OF COMPLIANCE  Certify that the statements made in this report are correct and this  Repair  Replacement Conformettion XI of the ASME Code.  ER OR OWNER'S DESIGNAE SIGNATURE  TITLE  Principal Engineer  10/27/1999  CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of  FLORIDA  THE HARTFORD, CT  have inspected the components described in this Owner's Report during the period  9-10-99  have inspected the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	I	TESTS CONDUCTED PRESSURE		TEST TE	MP.
CERTIFICATE OF COMPLIANCE  Certify that the statements made in this report are correct and this Repair Replacement Conform ection XI of the ASME Code.  FOR COMMERS DESIGNEE SIGNATURE Principal Engineer Principal Engineer 10/27/1999  CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of FLORIDA employed by THE HARTFORD STEAM BOILER I & I COMPANY of HARTFORD, CT have inspected the components described in this Owner's Report during the period 9-0-19 to 1/1-9-99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.  Add. A. Math.			psi		
CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HARTFORD, CT have inspected the components described in this Owner's Report during the period Janda of the State or Province of and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report to the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.		REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)			
CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HARTFORD STEAM BOILER I & I COMPANY of HARTFORD, CT have inspected the components described in this Owner's Report during the period gending and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.  **Lash** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L.** **L	-				
CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HARTFORD STEAM BOILER I & I COMPANY of HARTFORD, CT have inspected the components described in this Owner's Report during the period Jane 114-99 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.					
CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HARTFORD, CT HARTFORD, CT Have inspected the components described in this Owner's Report during the period Jane 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99 to 11-19-99	•				
CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Employed by THE HARTFORD, CT HARTFORD, CT HARTFORD, CT Have inspected the components described in this Owner's Report during the period performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.  Lash, M. Man.	L				
CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Employed by THE HARTFORD, CT HARTFORD, CT HARTFORD, CT Have inspected the components described in this Owner's Report during the period performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.  **Lash A. Mac. **  **Lash A. Mac. **  **TITLE Principal Engine					
CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of FLORIDA  employed by THE HARTFORD STEAM BOILER I & I COMPANY of HARTFORD, CT have inspected the components described in this Owner's Report during the period 9-10-99 to II-19-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.  **Lash 1.** *Lash**  **Lash**  *		CERTIFICATE OF COMPLIANCE			
CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ELORIDA  employed by THE HARTFORD STEAM BOILER I & I COMPANY of HARTFORD, CT have inspected the components described in this Owner's Report during the period 9-10-99 to 11-19-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **Lash** 1. **Lash**  **La					
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neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this owner's Report.  And state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.			e inspe		
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By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.  [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cally 1] [Cal		performed examinations and taken corrective measures described in this Owner's Report in ac	corda	nce w	ith
concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.    Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach   Cach			an has	implic	ad.
neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.    Lack   Lack   Lack   F2 195		concerning the examinations and corrective measures described in this Owner's Report.	Furth	nermo	re.
lach 1. black FL 195		neither the Inspector nor his employer shall be liable in any manner for any personal inju	ry or	prope	rty
		11115			
			E OR END	ORSEME	NTS)
		11-19-99			
11-19-99		DATE			



1.	OWNER	P.O. Box 140	er Corporation 042 rg, FL 33733-4042			DATE		10/25/99		
2.	PLANT	Crystal Rive 15760 W. Po	er Corporation r Energy Complex wer Line Street r, FL 34428-6708							
						Page	1	of 2		
3.	Florida ADDRESS	Power Corporation				REPAIR O	RĞANIZATIOI	N, P.O. NUMBER, WR NUMBER, E WR 356209	C.	
	15760 \	N. Power Line Sti	reet, Crystal River	, FL 3442	28-6708					
4.	DECAY	HEAT REMOVAL	(DH)							
5a.	USAS B3					9 67	ADDENDA,	CODE CASES N/A		• • • • • • • • • • • • • • • • • • • •
5b.	APPLICABLE		ILIZED FOR REPAIRS OR REP	LACEMENTS	ADDENDA, CODE (	CASES				
			989					N/A		
6.	<u> </u>		s Repaired or Repla		<del></del>	<u> </u>	<u> </u>		<del></del> -	
COM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHI IDENTIFIC	ER CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ST/	SME ODE AMPED
									YES	NO NO
	ONENT	POWER PIPING	720106	N/A	DHH	-24	N/A	REPLACEMENT		N
SUP	PORT									
									$\perp$	
									$\perp$	
					.				$\perp$	<u> </u>

### NIS-2 CONTINUATION WR# 356209

Page	2	of	2

_	DESCRIPTION OF WORK			
7.	REMOVED SNUBBER S/N 730217 AND REPLACED WITH SNUBBER S/N 7201	06 ON SUPPOR	T DHH-24	
8.	TESTS CONDUCTED	PRESSURE	TEST TEMP.	
	Hydrostatic Pneumatic Nominal Operating Pressure Other N/A	N/A psi	N/A	°F
	REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)			
9.	N/A			
	•			
	CERTIFICATE OF COMPLIANCE			
	certify that the statements made in this report are correct and this	Replace	ment Confo	rms
o S	ection XI of the ASME Code.			
OWNE	ER OR OWNER'S DESIGNATURE TITLE	DATE		
	A) Curan Syra-Nuc. 8	1	6 60	
	TOTAL DOCK	NG. 10/	26/77	
	CERTIFICATE OF INSPECTION			
	CERTIFICATE OF INSPECTION			
	I, the undersigned, holding a valid commission issued by the National Board of Boi	iler and Pressure	9	
	Vessel Inspectors and the State or Province of FLORID			
	employed by THE HARTFORD STEAM BOILER I & I COMPA HARTFORD, CT		of pected the	
	components described in this Owner's Report during the period 9/16/9		to	
	performed examinations and taken corrective measures described in this Owner's			
	the requirements of the ASME Code, Section XI.			
	By signing this certificate, neither the inspector nor his employer makes any warra concerning the examinations and corrective measures described in this Owne	nty, expressed o	r implied,	
	neither the Inspector nor his employer shall be liable in any manner for any po	ersonal iniury o	r property	
	damage or a loss of any kind arising from or connected with this inspection.		1 <b></b>	
	Ban W Emil			
	Bruce M. Earnigh TN 2534  INSPECTOR'S SIGNATURE COMMISSIONS (NATIONAL BOARD,	STATE PROVINCE OF	NDORSEMENTS	
	U SSIIIIIISSISIO (MITOINE BONIU)	E	TO COLINEIVIO)	
	1-100			
	12/3/99 DATE			
	UNIE '			



1	OWNER	P.O. Box 140	er Corporation 042 Irg, FL 33733-4042			DATE		10/25/99		
2.	PLANT	Florida Pow Crystal Rive 15760 W. Po	er Corporation er Energy Complex ower Line Street er, FL 34428-6708							
						Page	1			
3.		FORMED BY (NAME)  A Power Corporat	ion	···································		REPAIR O	RGANIZATIŌI	N, P.O. NUMBER, WR NUMBER, ET WR 356218	D.	
	15760	W. Power Line S	treet, Crystal Rive	r, FL 34	428-6708					
4.		ION OF SYSTEM HEAT REMOVAL	_ (DH)							
	APPLICABLE	CONSTRUCTION CODE	<u> </u>		EDITION		ADDENDA	, CODE CASES		
5a.	USAS B	31.1	LIZED FOR REPAIRS OR REPL			9 67	N/A /	N/A		
5b.	AFFLICABLE			ACEMENTS.	ADDENDA, CODE	CASES		AT/A		
			989					V/A		
6.	l		nts Repaired or Rep		<del></del>	ent Com	ponents		<del></del>	
COME	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTH	ER CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	STA	SME ODE AMPED
									YES	NO 8
		POWER PIPING	720103	N/A	DHH	-27	N/A	REPLACEMENT		N
SUP	PORT									
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**NIS-2 CONTINUATION** Page 2 2 of WR# 356218 DESCRIPTION OF WORK 7. REMOVED SNUBBER S/N 740036 AND REPLACED WITH SNUBBER S/N 720103 ON SUPPORT DHH-27 TESTS CONDUCTED PRESSURE 8. N/A N/A °F psi Hydrostatic Pneumatic Nominal Operating Pressure Other N/A REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE) 9. N/A **CERTIFICATE OF COMPLIANCE** Replacement Conforms We certify that the statements made in this report are correct and this Repair to Section XI of the ASME Code. OWNER OR OWNER'S DESIGNEE SIGNATURE Super-Nuc. Eug 10/26/29 **CERTIFICATE OF INSPECTION** 

	, holding a valid commission issued by the and the State or Province of	National Board of Boiler a FLORIDA	nd Pressure						
employed by	THE HARTFORD STEAM	BOILER I & I COMPANY	of						
	HARTFORD, CT		have inspected the						
components descr	ibed in this Owner's Report during the peri	od 9-10-89	to						
12-6-49	, and state that to the	best of my knowledge and	belief, the Owner has						
performed examin	ations and taken corrective measures desc	ribed in this Owner's Repo	ort in accordance with						
the requirements o	of the ASME Code, Section XI.								
By signing this cert concerning the ex- neither the Inspec	By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.								
lach 1.	Marti 1	2185							
INSPECTOR'S SIGNATURE	C	OMMISSIONS (NATIONAL BOARD, STATE	, PROVINCE OR ENDORSEMENTS)						
12-6-99 DATE									



NIS.2 FRM

	T	· · · · · · · · · · · · · · · · · · ·								
1.	OWNER	Florida Pow	er Corporation			DATE				
		P.O. Box 14 St. Petersbi	.042 urg, FL 33733-4042					11/03/99		
2.	PLANT	Florida Pow Crystal Rive 15760 W. Po	ver Corporation er Energy Complex ower Line Street er, FL 34428-6708					_		
	WORK PER	FORMED BY (NAME)				Page	1 PCANIZATIO	of 2 N, P.O. NUMBER, WR NUMBER, ET		
3.	l	a Power Corpora	tion			REPAIRU	RGANIZATIO	WR 356224	C.	
0.	ADDRESS						<del></del>	VVK 550224	•	
	15760	W. Power Line S	Street, Crystal Rive	er, FL 34	428-6708					
4.		Water (FW)								
	APPLICABLI	E CONSTRUCTION CODE			EDITION		ADDENDA	A, CODE CASES		
5a.	USAS I				1	9 67		N/A , N/A		
	APPLICABLE	E EDITION OF SECTION XI UT	ILIZED FOR REPAIRS OR REP	LACEMENTS	ADDENDA, CODE O		<u> </u>	·		
5b.		19	989				N/A	\ / NA		
6.	Identific	ation of Compone	nts Repaired or Rep	laced and	d Replaceme	nt Com	ponents			
COM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHE IDENTIFIC	ER CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ST/	SME ODE MPED
				:					\	Luc
сом	PONENT	POWER PIPING	730020	N/A	FWH-	122	N/A	REPLACEMENT	YES	NO N
SUF	PORT						ŀ			
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### **NIS-2 CONTINUATION** WR# 356224

	Page	2	of	2					
A "LIKE FOR LIKE"									
E		TEST	TEMP.	·					

	DESCRIPTION OF WORK	
7.	REMOVED SNUBBER S/N 720087 FROM LOCATION FWH-122 AND REPLACED WITH A "LIKE FO	OB LIKE"
	THE TEN THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PR	JI LIKE
	SNUBBER S/N 730020 REBUILT UNDER WR 359297.	
	SNODDER S/N 730020 REBUILT UNDER WR 339297.	***
8.	TESTS CONDUCTED PRESSURE	TEST TEMP.
	Hydrostatic Pneumatic Nominal Operating Pressure Other N/A	°F
	REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)	·
	REMARKO (NOCCODE MANOI ACTORERS DATA REPORT NOMBER, IF AFFEIGABLE)	
9.		
	CERTIFICATE OF COMPLIANCE	
10/0	a contifue that the etatements made in this remail are sometimed this.	
		nt Conform
0 5	Section XI of the ASME Code.	
OWN	NED OD CHANCEIC DECICIAE CICIAE INC.	
OWN	NER OR OWNER'S DESIGNEE SIGNATURE TITLE DATE	
S	Stephen J. Roe Principal Engineer 11/03/	1999
	CERTIFICATE OF IMPRECTION	
	CERTIFICATE OF INSPECTION	
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure	
	Vessel Inspectors and the State or Province of FLORIDA	
	employed by THE HARTFORD STEAM BOILER I & I COMPANY	of
	HARTFORD, CT have inspe	cted the
	components described in this Owner's Report during the period 4-10-99	to
	//- /9- 99 , and state that to the best of my knowledge and belief, the Ov	ner has
	performed examinations and taken corrective measures described in this Owner's Report in accordan	ce with
	the requirements of the ASME Code, Section XI.	
	By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or	mnlied
	concerning the examinations and corrective measures described in this Owner's Report. Furth	rmore
	neither the Inspector nor his employer shall be liable in any manner for any personal injury or p	
	damage or a loss of any kind arising from or connected with this inspection.	noberra
	asinage of a 1999 of any kind anomy norm of confidenced with this inspection,	
	laily 1 lolaite NB7550 FL PS	
	INSPECTOR'S SIGNATURE COMMISSIONS (NATIONAL BOARD, STATE, PROVINCE OR ENDI	PSEMENTS)

11-19-99 DATE



1.	OWNER	Florida Pow	er Corporation			DATE				
		P.O. Box 140 St. Petersbu	042 irg, FL 33733-4042					11/03/99		
2.	PLANT	Crystal Rive 15760 W. Po	er Corporation er Energy Complex ower Line Street er, FL 34428-6708			Page	1	of 2		
	WORK PERF	FORMED BY (NAME)				_		N, P.O. NUMBER, WR NUMBER, ETC		<del></del>
3.	Florida	Power Corporat	tion					WR 356230		
<u> </u>	ADDRESS	ar ower corporar				<u> </u>				
	15760	M/ Dower Line S	street, Crystal Rive	r El 24	120 6700					
	IDENTIFICAT	TON OF SYSTEM	olieel, Ciyslai Rive	ii, ΓL 344	420-0700					
4.	Main	Stoom (MC)								
	APPLICABLE	Steam (MS) E CONSTRUCTION CODE		1	EDITION		ADDENDA	, CODE CASES		
5a.	USAS E					0 07				
oa.	APPLICABLE	FOITION OF SECTION XI UT	ILIZED FOR REPAIRS OR REPL	ACEMENTS	ADDENDA, CODE (	9 67	L	N/A , N/A		
5b.				J. COLINETTIO	7,000,000,000,000	0,1020	NI/A	/ NIA		
30.		18	989				N/A	NA / NA	····	
6.	Identific	ation of Compone	nts Repaired or Rep	laced and	l Replaceme	nt Comp	onents			
NA	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHI	ER	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	AS	SME ODE MPED
COM	PONENT	MANUFACTURER	SERIAL NUMBER	BD. NO.	IDENTIFIC	CATION	BUILT	OR REPLACEMENT	STA	MPED
									YES	NO
сом	PONENT	POWER PIPING	730227	N/A	MSH-5	67L	N/A	REPLACEMENT	<b>†</b>	N
SUF	PORT									
									+-	<del>                                     </del>
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	NIS-2 CONTINUATION	_	_	_	
	WR# 356230	Page	2	of	2
	DESCRIPTION OF WORK	4			
<b>7</b> .	REMOVED SNUBBER S/N 730224 FROM LOCATION MSH-567L AND REPLACED WITH A	. "LIKE	FOF	LIKE'	19
	SNUBBER S/N 730227 REBUILT UNDER WR 359289.				
8.	TESTS CONDUCTED PRESSURE		TEST	TEMP.	
٠.		psi			°F
	Hydrostatic Pneumatic Nominal Operating Pressure Other N/A  REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)		<u> </u>		
9.	NAME (NOTE OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY OF A PARTY				
	CERTIFICATE OF COMPLIANCE				
o S	certify that the statements made in this report are correct and this  Repair Re ection XI of the ASME Code.	placem	ent	Confo	rms
OWN	ER OR OWNER'S DESIGNEE SIGNATURE D	ATE			
S	tephen J. Roe Principal Engineer	11/03/	/199	9	
	CERTIFICATE OF INSPECTION				
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Provessel Inspectors and the State or Province of FLORIDA	essure			
	employed by THE HARTFORD STEAM BOILER I & I COMPANY	<del></del>	<del></del>	of	
		vo inco	ooto		

I, the undersigned, he	olding a valid commission issued by the N	lational Board of Boiler a	nd Pressure
Vessel Inspectors an	d the State or Province of	FLORIDA	
employed by	THE HARTFORD STEAM B	OILER I & I COMPANY	of
	HARTFORD, CT		have inspected the
components describe	ed in this Owner's Report during the period	9/1/99	to
	, and state that to the b	est of my knowledge and	belief, the Owner has
the requirements of t By signing this certificoncerning the exar neither the Inspector	ons and taken corrective measures describe ASME Code, Section XI. cate, neither the inspector nor his employ ninations and corrective measures described in any any kind arising from or connected with the	rer makes any warranty, cribed in this Owner's learning manner for any person	expressed or implied, Report. Furthermore.
	1. Earnigh	TN 2534  MISSIONS (NATIONAL BOARD, STATE	, PROVINCE OR ENDORSEMENTS)
///26/	199		



NIS-2 FRM

1.	OWNER	Florida Pow	er Corporation			DATE				
		P.O. Box 140 St. Petersbu	042 Irg, FL 33733-4042		<i>:</i>			11/02/99		
2.	PLANT	Crystal Rive 15760 W. Po	er Corporation er Energy Complex ower Line Street er, FL 34428-6708			Page	1	of 2		
	WORK PER	FORMED BY (NAME)						N, P.O. NUMBER, WR NUMBER, ETG	<b>2</b> .	
3.	Florida	a Power Corporat	tion					WR 356232		
	ADDRESS					•				
	15760	W. Power Line S	Street, Crystal Rive	er, FL 34	428-6708					
	IDENTIFICAT	TON OF SYSTEM								
4.	Main	Steam (MS)								
]_	USAS I	ECONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES		
5a.			ILIZED FOR REPAIRS OR REP	ACEMENTS	ADDENDA, CODE	19 67	<u> </u>	N/A , N/A		
5b.	74 T EIOABE		989	DIOLINEITIO	NOOLINDA, OOOL	ONOLO	N1/A	/ N1A		
								A / NA		
6.	Identific	ation of Compone	nts Repaired or Rep	laced and	Replaceme	nt Com	ponents			
COM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTH	ER CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ST/	SME ODE AMPED
									L	
COM	PONENT	POWER PIPING	740087	N/A	MSH-	575	N/A	REPLACEMENT	YES	NO N
1	PPORT	FOWLKFIFING	740007	1 17/2	IVIOIT	3/3	I IVA	REFLACEMENT		"
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DESCRIPTI	ON OF WORK							<b></b>
REMO	OVED SNI	UBBER S/N 7	50104 FROM LOCATIO	N MS	SH-575 AND REPLA	CED WITH	A "LIKE F	OR LIKE"
						····		
SNOB	BER S/N	/4008/ REB	JILT UNDER WR 3590	89.	The control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the co	***		
TESTS CON	CERTIFICATE OF INSPECTIO  I, the undersigned, holding a valid commission issued by the National Be Vessel Inspectors and the State or Province of employed by THE HARTFORD STEAM BOILER I & HARTFORD, CT components described in this Owner's Report during the period 9-2 (1-9-99), and state that to the best of my performed examinations and taken corrective measures described in this the requirements of the ASME Code, Section XI.  By signing this certificate, neither the inspector nor his employer makes concerning the examinations and corrective measures described in neither the Inspector nor his employer shall be liable in any manner damage or a loss of any kind arising from or connected with this inspection.  **LIGHT**  **LIGHT**  **LIGHT**					PRESSURE	E	TEST TEMP.
			<del></del>	e _	Other N/A		psi	
	(INCLUDE MAN	IUFACTURER'S DATA	REPORT NUMBER, IF APPLICABLE)					
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						· ·		
			CERTIFICATE	OE	COMDI IANCE			
			OLIVIII IOAIL	Oi ·	COMPLIANCE			
e certify t	hat the sta	atements mad	ie in this report are com	ect an	nd this Re	pair 🖂	Renlacem	ent Confo
			io in ano ropore are con-	oot ui			Copiacein	cht Como
					···			
		E SIGNATURE	7XY /		1		DATE	
Stephen	J. Roe	No.	the Wee		Principal Engine	er	11/02/	1999
		, ,						
			CERTIFICATE	OE	INSPECTION			
			CENTIFICATE	. OF	INSPECTION			
I, the	undersign	ned, holding a	valid commission issue	d by t	the National Board o	f Boiler and	Pressure	
Vesse	el Inspecto	ors and the St	ate or Province of		FLO	ORIDA		
emplo	yed by	****		STEA	M BOILER I & I CO	MPANY		of
							have inspe	ected the
		scribed in this						to
			, and state the	at to t	he best of my knowle	edge and be	lief, the O	wner has
				ires a	escribed in this Own	er's Report	in accorda	nce with
				nie am	minuar makas any u	orranti ovr	aranaad ar	implied
conce	rning the	examination	s and corrective meas	iis eii Sires	described in this (	iaiiaiity, exp Iwner's Rei	nort Furth	iiiipiicu, iermore
neithe	r the Insi	pector nor his	s employer shall be lia	ble in	any manner for a	ov personal	iniury or	nronerty
dama	ge or a los	ss of any kind	arising from or connect	ed wi	th this inspection.	., percoriar	injury or	property
	lostr	111	2		F1 195			
INSPEC					COMMISSIONS (NATIONAL E	OARD, STATE. PRO	OVINCE OR END	ORSEMENTS)
						,	VI VI LIND	
		_						
/	11-9-99	7						
DATE		·				18		



NIS-2.FRM

1.	OWNER	Florida Pow	er Corporation			DATE				
		P.O. Box 14 St. Petersbu	042 ırg, FL 33733-4042					11/03/99		
2.	PLANT	Crystal Rive 15760 W. Po	ver Corporation er Energy Complex ower Line Street er, FL 34428-6708			Page	1	of 2		
-	WORK PER	FORMED BY (NAME)			<del> </del>			N, P.O. NUMBER, WR NUMBER, ET	<del>c.</del>	
3.	Florida	a Power Corporat	tion					WR 356237		
	ADDRESS	21 01101 001 pola								
	15760	W Power Line S	Street, Crystal Rive	er Fl 34	428-6708					
	IDENTIFICAT	TION OF SYSTEM	odoc, Orjotal Mil	<u> </u>	120 01 00					
4.	Main :	Steam (MS)								
<u> </u>	APPLICABLE	E CONSTRUCTION CODE			EDITION		ADDENDA	A, CODE CASES		
5a.	USASI	B31.1			1	9 67	1	N/A, N/A		
	APPLICABLE	E EDITION OF SECTION XI UT	ILIZED FOR REPAIRS OR REP	LACEMENTS	ADDENDA, CODE		L			
5b.		19	989				N/A	\ / NA		
6.	Identific		nts Repaired or Rep	olaced and	d Replaceme	nt Com				
NA	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTH	ER	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	A	SME ODE AMPED
COM	PONENI	MANUFACTURER	SERIAL NUMBER	BĐ. NO.	IDENTIFIC	CATION	BUILT	OR REPLACEMENT	STA	MPED
:									YES	NO NO
	PONENT	POWER PIPING	730226	N/A	MSH-5	67U	N/A	REPLACEMENT		N
SUF	PPORT									
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Page	2	of	2
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			77107 000				-	
	ESCRIPTION OF WORK							
•	REMOVED SNU	3BER S/N 73	0014 FROM LOCA	TION MS	H-567U AND REF	LACED WITH	I A "LIKE I	FOR LIKE"
	SNUBBER S/N 7	30226 REBU	ILT UNDER WR 35	59288.				
ľ			1.01 = 1.01 = 1.01 = 1.01					
+	ESTS CONDUCTED	· · · · · · · · · · · · · · · · · · ·		<del></del>		PRESSURE	·	TEST TEMP.
ŀ	Hydrostatic	Pneumatic	Nominal Operating Pre	esure	Other N/A		psi	°F
F			EPORT NUMBER, IF APPLICA		1 Octob 1/2 31477	- Wiles		
			CERTIFICAT	E OF	COMPLIANCE	<b>=</b>		
			<b>GE</b> ((111.10)(1	_ 0.		-		
			e in this report are o	correct an	d this 🔲 R	epair 🔀 F	Replaceme	ent Conforn
е	ction XI of the AS	ME Code.						
F	OR OWNER'S DESIGNEE	SIGNATURE	57		TITLE		DATE	
	phen J. Roe	Alejk)	La		Principal Engir	neer	11/03/	1999
		• • • • • • • • • • • • • • • • • • • •				* * , *·		
			OFFITIO 1	<b>TE 0</b> E	NODECTION			
			CERTIFICA	IE OF	NSPECTION			
			alid commission is	sued by t			Pressure	
	Vessel Inspector employed by	s and the Sta	te or Province of	RD STEA	FL M BOILER I & I CO	ORIDA MPANY	<del>-</del>	of
			HARTFORD,		WI BOILLINI & TOO		nave inspe	
		cribed in this	Owner's Report du	• .		10-99		to
	11-19-99 performed exami	inations and t	and state , aken corrective me		ne best of my know			
			Code, Section XI.		coorded in this OW	ner a report ii	i accoluai	IICE WILLI
	By signing this co	ertificate, nei	her the inspector n	or his em	ployer makes any	warranty, exp	ressed or	implied,
	neither the Inspe	examinations ector nor his	and corrective memployer shall be	ieasures Lliable in	described in this	Owners Rep any nersonal	ort. Furth injury or i	ermore, property
	damage or a loss	of any kind	arising from or con	nected wi	th this inspection.	any percental	ingury or p	property
	Carlo	1. lola	iti		FL 195			
	INSPECTOR'S SIGNATUR	<u> </u>	V. 7140	<del></del>	COMMISSIONS (NATIONAL	BOARD, STATE, PRO	VINCE OR END	ORSEMENTS)
	11-19-99							
	DATE	~						



NIS-2.FRM

1.	OWNER	Florida Pow	er Corporation			DATE				
			irg, FL 33733-4042					11/29/99		
2.	PLANT	Crystal Rive 15760 W. Po	er Corporation er Energy Complex ower Line Street er, FL 34428-6708			Page	1	of 2		
	WORK PERI	FORMED BY (NAME)						N, P.O. NUMBER, WR NUMBER, ETC		
3.	Florida	Power Corporat	tion					WR 356379		
	ADDRESS	ar ower corporat				L				
	15760	M Dowerline C	tract Caratal Dive	. EL 04	400 6700				-	
	IDENTIFICAT	TON OF SYSTEM	treet, Crystal Rive	er, FL 34	428-6708					
4.	DECAY	HEAT REMOVAL	_ (DH)							
	USAS B	CONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES		
5a.	USAS B	51.1			1	9 67	N/A /	N/A		
	APPLICABLE	EDITION OF SECTION XI UT	ILIZED FOR REPAIRS OR REPA	ACEMENTS	ADDENDA, CODE	CASES	·	· · · · · · · · · · · · · · · · · · ·		
5b.		19	989				ı	V/A		
6.	Identific	ation of Componer	nts Repaired or Rep	laced and	d Replaceme	nt Com				
NAM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTH	ER	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	AS CC	SME ODE MPED
COMI	ONENI	MANUFACTURER	SERIAL NUMBER	BD. NO.	IDENTIFIC	CATION	BUILT	OR REPLACEMENT	STA	MPED
									YES	NO
COMP	ONENT	POWER PIPING	750078	N/A	DHR	-31	N/A	REPLACEMENT		N
SUP	PORT									
				<b></b>					+-	
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	NIS-2 CONTINUATION WR# 356379	. W	Page	2	of	2
	DESCRIPTION OF WORK		<u> </u>	<u></u>		•
7.	REMOVED SNUBBER S/N 760088 AND REPLACED WITH SNUBBER S/N 75007	8 ON SU	PPORT	DHR	-31	
						<b>,</b>
8.	TESTS CONDUCTED  Hydrostatic Pneumatic Nominal Operating Pressure Other N/A	PRESSURE N/A	psi	TEST TE		°F
9.	REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)  N/A	·				
	CERTIFICATE OF COMPLIANCE					
o S	certify that the statements made in this report are correct and this section XI of the ASME Code.	⊠ Rep	olaceme	ent C	onfo	rms
	tephen J. Roe Principal Engine		ATE 11/29	1/99		
	CERTIFICATE OF INSPECTION					
	OLIVIII IOATE OF INSPECTION					
	the undersigned, holding a valid commission issued by the National Board of Boi	or and Dr	0001150			

I, the undersigned, ho	olding a valid commission issued by	the National Board of Boile	r and Pressure
Vessel Inspectors and	I the State or Province of	FLORIDA	
employed by	THE HARTFORD STE	AM BOILER I & I COMPAN	Y of
	HARTFORD, CT		have inspected the
components describe	d in this Owner's Report during the	period 10/1/99	to
11/30/99	, and state that to	the best of my knowledge a	nd belief, the Owner has
with the requirements By signing this certific concerning the exam neither the Inspector	ons and taken corrective measure of the ASME Code, Section XI. cate, neither the inspector nor his eninations and corrective measures nor his employer shall be liable in the kind arising from or connected we have the connected we have a supported the connected we have a supported to the connected we have a supported with the connected we have a supported the connected we have a supported the connected we have a supported the connected we have a supported to the connected we have a supported to the connected we have a supported to the connected we have a supported to the connected with the connected we have a supported to the connected we have a supported to the connected we have a supported to the connected we have a supported to the connected we have a supported to the connected with the connected we have a supported to the connected we have a supported to the connected we have a supported to the connected with the connected we have a supported to the connected with the connected we have a supported to the connected with the connected we have a supported to the connected with the connected we have a supported to the connected with the connected we have a supported to the connected with the connected with the connected with the connected with the connected will be a supported to the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the connected with the c	mployer makes any warrant s described in this Owner's in any manner for any pers	y, expressed or implied, s Report. Furthermore,
INSPECTOR'S SIGNATURE	M. Earnigh	TN 2534 COMMISSIONS (NATIONAL BOARD, ST	ATE, PROVINCE OR ENDORSEMENTS)
///30/99			



NIS-2.FRM

1.	OWNER	Florida Pow	er Corporation			DATE				
		P.O. Box 14 St. Petersbu	042 .rg, FL 33733-4042					11/02/99		
2.	PLANT	Florida Pow Crystal Rive 15760 W. Po	ver Corporation er Energy Complex ower Line Street er, FL 34428-6708							
	WORK DED	FORMED BY MANE				Page	1			
3.		FORMED BY (NAME)  A Power Corpora	tion		·	REPAIR O	RGANIZATIOI	N, P.O. NUMBER, WR NUMBER, ETG WR 356381		
	15760	W. Power Line S	Street, Crystal Rive	er, FL 34	428-6708					
4.	Feed	rion of system  Water (FW)								
	APPLICABLE	CONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES		
5a.	USAS E		TILIZED FOR REPAIRS OR REPA	ACEMENTS	ADDENDA, CODE	9 67		N/A , N/A		
5b.				. IOLINEITIO	NODENDA, GODE	ONOLO	NI/A	/ NIA		
JD.		13	989				N/A	· / NA		
6.	Identific	ation of Compone	nts Repaired or Rep	laced and	d Replaceme	nt Com	ponents			
NA COM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	AL OTH IDENTIFIC	ER CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	A: Ci STA	SME ODE MPED
									YES	NO
	PONENT PPORT	POWER PIPING	740067	N/A	FWH-	160	N/A	REPLACEMENT		N
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		Managara kananga mananana								

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			VVIV# 35030 I					
	DESCRIPTION OF WORK							
7.	REMOVED SNU	JBBER S/N 7	40069 FROM LOCATION F	WH-160 AND	REPLACED	WITH A "LIKE	FOR LIKE	<b>:</b> "
	SNUBBER S/N	740067 REBI	JILT UNDER WR 359308					
8.	TESTS CONDUCTED				F	PRESSURE	TEST TEMP.	
	Hydrostatic	Pneumatic	Nominal Operating Pressure	Other N/A		psi		°F
	REMARKS (INCLUDE MANU	JFACTURER'S DATA	REPORT NUMBER, IF APPLICABLE)					
9.						***		
			CERTIFICATE OF	COMPLIA	NICE			
			CERTIFICATE OF	COMPLIA	MACE			
			e in this report are correct	and this	Repair	Replacer	nent Cor	nforms
o S	ection XI of the As	SME Code.	. 0					
	ER OR OWNER'S DESIGNEE	SIGNATURE	h/	TITLE		DATE		
St	ephen J. Roe	Alegh	V.fa	Principal	Engineer	11/02	2/1999	
		//						
			OFDTIFICATE O		<b></b>			
			CERTIFICATE O	- INSPECTION	N			
			valid commission issued by	y the National E			<b>:</b>	
	Vessel Inspecto employed by	rs and the St	ate or Province of THE HARTFORD STE	AM BOILER L	FLORIDA & I COMPAN		of	
			HARTFORD, CT		<u> </u>	···	ected the	)
			Owner's Report during the		9-10-99		to	
	1/- 8-99		, and state that to taken corrective measures	the best of my	/ knowledge vis Owner's E	and belief, the (	Owner has	•
			E Code, Section XI.	GCSCHDCU III (I	iio Owiici S F	zehore in accord	ance Will	
			ither the inspector nor his e					
	concerning the	examination ector nor big	s and corrective measure s employer shall be liable	s described in	i this Owner	rs Report. Fur	inermore,	
			arising from or connected			isonai nijury 0	property	
	Carly	1. Mai	te	F2195	-			
	INSPECTOR'S SIGNATU	JRE		COMMISSIONS (N	NATIONAL BOARD, S	STATE, PROVINCE OR E	NDORSEMENTS	<del>5)</del>
	11-8-99	<del>)</del>						
	DATE							





NIS-2 FRM

1.	OWNER		er Corporation			DATE				
		P.O. Box 14 St. Petersbu	042 ırg, FL 33733-4042					11/02/99		
2.	PLANT	Florida Pow Crystal Rive 15760 W. Po	rer Corporation er Energy Complex ower Line Street er, FL 34428-6708			Page	1			
	WORK PER	FORMED BY (NAME)						N, P.O. NUMBER, WR NUMBER, ETC	<del>).</del>	
3.	Florida	a Power Corporat	tion					WR 356385		
	ADDRESS									
	15760	W. Power Line S	Street, Crystal Rive	er, FL 34	428-6708					
	IDENTIFICAT	TION OF SYSTEM								
4.	Feed	Water (FW)					,			
_	USAS I	E CONSTRUCTION CODE B31.1			EDITION		ADDENDA	, CODE CASES		
5a.			ILIZED FOR REPAIRS OR REPI	ACEMENTS	ADDENDA, CODE	9 67		N/A , N/A		
5b.	AT LIONOLL		989	DOCINENTS	ADDENDA, CODE	CAGES	N1/A	/ A1A		
								V / NA		
6.	Identific	ation of Compone	nts Repaired or Rep	laced and	d Replaceme	nt Com	ponents		-, <u>-</u>	
COM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTH	ER CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	A C	SME ODE MPED
COM	PONENT	POWER PIPING	760007	N/A	FWH-	16/	N/A	REPLACEMENT	YES	NO
	PORT	TOWERTHING	760007	1 11/2		104	IN/A	REPLACEIVIEN I		N
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Page 2 of 2

	VVI G7 00000			
	DESCRIPTION OF WORK			
7.	REMOVED SNUBBER S/N 740092 FROM LOCATION FWH-164 AND REPLA	CED WITH A	"LIKE FO	R LIKE"
	SNUBBER S/N 760007 REBUILT UNDER WR 359311.	- 4.		
		• 1		
8.	TESTS CONDUCTED	PRESSURE	TE	ST TEMP.
	Hydrostatic Pneumatic Nominal Operating Pressure Other N/A		psi	°F
	REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)			
9.				
		,	******	
	CERTIFICATE OF COMPLIANCE			
		***************************************		
	certify that the statements made in this report are correct and this Resection XI of the ASME Code.	epair 🖂 R	eplacemen	t Conform
	decition At of the Advice Code.			
	ER OR OWNER'S DESIGNEE SIGNATURE		DATE	
S	tephen J. Roe Principal Engine	eer	11/02/19	999
		e e esq.		
	CERTIFICATE OF INSPECTION			
	I, the undersigned, holding a valid commission issued by the National Board of	of Boiler and F	Pressure	
		ORIDA		- 6
	employed by THE HARTFORD STEAM BOILER I & I CO HARTFORD, CT	* ***	ave inspec	of ted the
	components described in this Owner's Report during the period 9-10-9	9	-	to
	, and state that to the best of my knowl performed examinations and taken corrective measures described in this Own			
	the requirements of the ASME Code, Section XI.	•		
	By signing this certificate, neither the inspector nor his employer makes any veconcerning the examinations and corrective measures described in this concerning the examinations and corrective measures described in this concerning the examinations and corrective measures described in this concerning the examinations and corrective measures described in this concerning the examinations and corrective measures described in this concerning the examinations and corrective measures described in this concerning the examinations and corrective measures described in this concerning the examinations and corrective measures described in this concerning the examinations and corrective measures described in this concerning the examinations and corrective measures described in this concerning the examinations and corrective measures described in this concerning the examinations are concerning the examinations and corrective measures described in this concerning the examinations are concerning the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the ex	varranty, expr	essed or in	nplied,
	neither the Inspector nor his employer shall be liable in any manner for a			
	damage or a loss of any kind arising from or connected with this inspection.		,	
	lacks 1. blant FL 195			
	INSPECTOR'S SIGNATURE COMMISSIONS (NATIONAL E	BOARD, STATE, PROV	VINCE OR ENDOR	SEMENTS)
	11-8-99	,	n.	
	DATE			



1.	OWNER		er Corporation			DATE				
		P.O. Box 14 St. Petersbu	042 irg, FL 33733-4042					11/11/1999		
2.	PLANT	Florida Pow Crystal Rive 15760 W. Po	er Corporation er Energy Complex ower Line Street er, FL 34428-6708			Desc				
	WORK PERI	FORMED BY (NAME)				Page REPAIR O	1 RGANIZATIO	of 2 N, P.O. NUMBER, WR NUMBER, ETC	2.	
3.	Florida	Power Corporati	on					WR 360472	<b>.</b>	
	ADDRESS									
	15760	W. Power Line St	reet, Crystal River	, FL 3442	28-6708					
4.		TION OF SYSTEM  EUP AND PURIFI	CATION (MU)							
<del></del>	APPLICABLE	APPLICABLE CONSTRUCTION CODE  ASME SECTION III CLASS 2					ADDENDA	, CODE CASES		
5a.						9 89	N/A, N	I/A		
5h	APPLICABLE		ILIZED FOR REPAIRS OR REP	LACEMENTS	ADDENDA, CODE	CASES				
5b.			989	-		•		N-416-1		
6.	Identifica	ation of Component	ts Repaired or Repla	ced and F	Replacement	Compor	nents			
NA COM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHI	ER CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ST	SME ODE AMPED
			:						YES	.,
PI	PING	N/A	N/A	N/A	N/A	4	N/A	REPLACEMENT	1	N
V	ALVE	BW/IP	N/A	N/A	MUV-	575	N/A	REPLACEMENT	$\dagger$	N/A
		INTERNATIONAL								
VA	ALVE	BW/IP	N/A	N/A	MUV-	/-576 N/		REPLACEMENT		N/A
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	N 1 1 / E	INTERNATIONAL	D1/0	2012			21/4		$oldsymbol{\perp}$	
	ALVE	MASONEILAN	N/A	N/A	MUV-		N/A	REPLACEMENT	<u> </u>	N/A
	ALVE	MASONEILAN	N/A	N/A	MUV-	593 	N/A	REPLACEMENT		N/A
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Page 2 of 2

	VIII 000412			
	DESCRIPTION OF WORK			
7.	PREFABRICATED PIPING SPOOLS FINAL TIE-IN WELDS PERFORMED AND	TESTED IN A	CCOR	DANCE
	WITH ASME CODE CASE N-416-1.			
8.	TESTS CONDUCTED	PRESSURE	Т	EST TEMP.
	Hydrostatic Pneumatic Nominal Operating Pressure Other N/A	. **	psi	** °F
	REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)	@		
9.	** PERFORMED PRESSURE TESTING UNDER WR 363019 @ 3015 PSIG AND	79° F AND S	P-206 @	2146 PSI
	@ ASME AND NOT, TO SATISFY THE REQUIREMENTS OF SAME CODE CASE N-41	6-1		
	CSC KJM 11-16-99			
			· · · · · · · · · · · · · · · · · · ·	
	certify that the statements made in this report are correct and this  Section XI of the ASME Code.	air 🗵 Rep	acemer	nt Conform
WN	IER OR OWNER'S DESIGNEE SIGNATURE	DAT	E	
Si	tephen J. Roe Principal Enginee	er 1	1/11/1	999
	CERTIFICATE OF INSPECTION	e.		
	I, the undersigned, holding a valid commission issued by the National Board of	Roiler and Pre	CHIPS	
	Vessel Inspectors and the State or Province of FLOR	RIDA		
	employed by THE HARTFORD STEAM BOILER I & I COM HARTFORD, CT	*****	. !	of
	components described in this Owner's Report during the period 9-23-99		e inspec	ted the
	, and state that to the best of my knowled			ner has
	performed examinations and taken corrective measures described in this Owner	r's Penort in ac		ce with
	the requirements of the ASME Code, Section VI	i s i teport iii at	cordan	oc with
	the requirements of the ASME Code, Section XI.  By signing this certificate, neither the inspector nor his employer makes any wa	rranty, express	sed or ir	nplied,
	By signing this certificate, neither the inspector nor his employer makes any wa concerning the examinations and corrective measures described in this Ov	rranty, express wner's Report.	ed or ir Furthe	mplied, ermore,
	By signing this certificate, neither the inspector nor his employer makes any wa	rranty, express wner's Report.	ed or ir Furthe	mplied, ermore,
	By signing this certificate, neither the inspector nor his employer makes any wa concerning the examinations and corrective measures described in this Ox neither the Inspector nor his employer shall be liable in any manner for any damage or a loss of any kind arising from or connected with this inspection.  **Index Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact C	rranty, express vner's Report. personal inju	sed or ir Furthe ry or p	mplied, ermore, roperty
	By signing this certificate, neither the inspector nor his employer makes any wa concerning the examinations and corrective measures described in this Over neither the Inspector nor his employer shall be liable in any manner for any	rranty, express vner's Report. personal inju	sed or ir Furthe ry or p	mplied, rmore, roperty
	By signing this certificate, neither the inspector nor his employer makes any wa concerning the examinations and corrective measures described in this Ox neither the Inspector nor his employer shall be liable in any manner for any damage or a loss of any kind arising from or connected with this inspection.  **Index Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact C	rranty, express vner's Report. personal inju	sed or ir Furthe ry or p	mplied, rmore, roperty
	By signing this certificate, neither the inspector nor his employer makes any wa concerning the examinations and corrective measures described in this Ox neither the Inspector nor his employer shall be liable in any manner for any damage or a loss of any kind arising from or connected with this inspection.  **Index Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact C	rranty, express vner's Report. personal inju	sed or ir Furthe ry or p	mplied, rmore, roperty



## NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT AS REQUIRED BY THE PROVISIONS OF ASME CODE SECTION XI $_{\mbox{\scriptsize NIS-2,FRM}}$

DATE

1.	OWNER	Florida Pow	er Corporation			DATE				
		P.O. Box 14 St. Petersbu	042 ırg, FL 33733-4042					11/11/1999		
2.	PLANT	Crystal Rive 15760 W. Po	rer Corporation or Energy Complex ower Line Street or, FL 34428-6708			Dago	1			
<b>-</b>	WORK PER	FORMED BY (NAME)				Page REPAIR O	1 RGANIZATIO	of 2 N, P.O. NUMBER, WR NUMBER, ETC	<u></u>	
3.	Florida	Power Corporati	on					WR 360473		
	ADDRESS	er errer corporati				<u>.                                    </u>				
	15760	W. Power Line St	reet, Crystal River	, FL 3442	28-6708					<del></del>
4.	MAKE	EUP AND PURIFI	CATION (MU)							
		ECONSTRUCTION CODE ECTION III CLASS 2			EDITION		ADDENDA	, CODE CASES		
5a.						9 89	N/A, N	I/A		
FL	APPLICABLE		FILIZED FOR REPAIRS OR REP	LACEMENTS	ADDENDA, CODE (	CASES				
5b.		19	989				N/A,	N-416-1		
6.	Identification	ation of Component	ts Repaired or Repla	iced and F	Replacement	Compor	nents			
NAI	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTH	ER	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ĉ	ASME CODE AMPED
COMI	PONENT	MANUFACTURER	SERIAL NUMBER	BD. NO.	IDENTIFIC	SATION	BUILT	OR REPLACEMENT		
DI	PING	N/A	N/A	N/A	N/A	^	N/A	REPLACEMENT	YES	s NO
									$oldsymbol{\perp}$	
VA	ALVE	BW/IP INTERNATIONAL	N/A	N/A	MUV-	5/3	N/A	REPLACEMENT		N/A
VA	ALVE	BW/IP INTERNATIONAL	N/A	N/A	MUV-	574	N/A	REPLACEMENT		N/A
VA	LVE	MASONEILAN	N/A	N/A	MUV-	590	N/A	REPLACEMENT	$\top$	N/A
VA	LVE	MASONEILAN	N/A	N/A	MUV-	591	N/A	REPLACEMENT	+	N/A
									+	+
			<u> </u>						+	+
									+	+
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									$\perp$	<del> </del>

Pag	e 2	of	2
ray	<del>.</del> 2,	UI	

	VVR# 3004/3				'		
	DESCRIPTION OF WORK						
7.	PREFABRICATED PIPING SPOOLS FINAL TIE-IN WEL	DS PERF	ORMED AND 1	TESTED IN	ACCOF	RDANCE	
	WITH ASME CODE CASE N-416-1.						
3.	TESTS CONDUCTED			PRESSURE		TEST TEMP.	
_	Hydrostatic Pneumatic Nominal Operating Pressure	Other	N/A	**	psi	**	°F
). 	REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)  *** PERFORMED PRESSURE TESTING UNDER WR 36:	3019 @ 30	15 PSIG AND	<del>3</del> 79° F AND	SP-206	@ 2137	PSIG
	AND NOT, TO SATISFY THE REQUIREMENTS OF SA	ME CODE	E CASE N-416-	1			
1						VEV. 4.	
	CERTIFICATE OF		LANCE				
	CERTIFICATE OF	COMP	LIANCE				
le (	certify that the statements made in this report are correct	and this	Repai	r 🛛 Re	placem	ent Con	form
	ection XI of the ASME Code.						
WNE	R OR OWNER'S DESIGNEE SIGNATURE	TITLE		lr	DATE		
	ephen J. Roe		ipal Engineer			1000	
_	1 September 1		mpar Erigilioor	•	1 17 1 17		
	/						
			CTION				
	CERTIFICATE O	r INSPE	LION				
	I, the undersigned, holding a valid commission issued by	y the Natio	nal Board of B	oiler and P	ressure		
	Vessel Inspectors and the State or Province of	-	FLORI	DA			
	employed by THE HARTFORD STE	AM BOIL	ERI&ICOMP			of	
	HARTFORD, CT components described in this Owner's Report during the	neried	9-23-9		ive inspe	ected the	
	ii-17-99 , and state that to	•			f the O	to	
	performed examinations and taken corrective measures						
	the requirements of the ASME Code, Section XI.			•			
	By signing this certificate, neither the inspector nor his e	employer r	nakes any warr	anty, expre	ssed or	implied,	
	concerning the examinations and corrective measure	s describe	ed in this Owr	ner's Repo	rt. Furth	ermore,	
	neither the Inspector nor his employer shall be liable damage or a loss of any kind arising from or connected			personal in	jury or	property	
	lacter A. lelaste	FC19	25				
	INSPECTOR'S SIGNATURE	COMMISS	IONS (NATIONAL BOAR	D, STATE, PROVI	NCE OR END	ORSEMENTS)	5
	11-17-99						
	//-/7-99 DATE						



NIS-2.FRM

1.	OWNER	Florida Pow	er Corporation			DATE					
		P.O. Box 140 St. Petersbu	042 Irg, FL 33733-4042					11/1/1999			
2.	PLANT	Crystal Rive	r Energy Complex								
		•				Page					
3			tion			REPAIR OF	RGANIZATIO		<b>D</b> .		
J.	ADDRESS	rower Corporat	LIOTI			l		***************************************			
	15760	W. Power Line S	treet, Crystal Rive	er, FL 34	428-6708						
4.			CATION (MILI)								
	APPLICABLE	CONSTRUCTION CODE			EDITION	ADDENDA, CODE CASES					
5a.					<u> </u>	19 89 N/A / N/A					
5h	APPLICABLE			ACEMENTS	ADDENDA, CODE	,					
	P.O. Box 14042 St. Petersburg, FL 33733-4042  2. PLANT Florida Power Corporation Crystal River Energy Complex 16760 W. Power Line Street Crystal River, FL 34428-6708  Page 1 of 2  REPAIR ORGANIZATION, P.O. NUMBER, WR NUMBER, ETC. WR 360474  3. Florida Power Corporation ADDRESS 15760 W. Power Line Street, Crystal River, FL 34428-6708  IDENTIFICATION OF SYSTEM  MAKEUP AND PURIFICATION (MU)  APPLICABLE CONSTRUCTION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPLACEMENTS APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPLACEMENT APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPLACEMENT APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPLACEMENT APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPLACEMENT APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPLACEMENT APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPLACEMENT APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPLACEMENT APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPLACEMENT APPLICABLE EDITION OF SECTION XI UTILIZ										
<b></b>			· · · · · · · · · · · · · · · · · · ·		<del></del>		1	REPAIRED, REPLACED	T A	SME	
COMP	PONENT	MANÜFÄCTÜRER	SERIAL NUMBER	BD. NO	. IDENTIFIC	CATION	BUILT	OR REPLACEMENT	<u> </u>		
PIF	PING	N/A	N/A	N/A	N//	Α	N/A	REPLACEMENT	YES	NO N	
VA	LVE	VELAN	N/A	N/A	MUV	-27	N/A	REPLACEMENT	+	N/A	
VA	LVE	VELAN	N/A	N/A	MUV-595		N/A	REPLACEMENT	-	N/A	
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Page 2 of 2
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	DESCRIPTION OF WORK						
7.	FABRICATED AND INSTALLED PIPING SYSTEM AND	VALVES	BY WELDING	PER MA	R# 97-02	-10-01	
_	TESTS CONDUCTED			PRESSURE		TECT TEMP	
8.			7	3900	psi	TEST TEMP. 87.2	°F
	Hydrostatic Pneumatic Nominal Operating Pressure  REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)	Other	_N/A	3900	–––– psi	07.2	r
_	,						
9.							
	CERTIFICATE OF	COMP	PLIANCE				
		••••					
We	certify that the statements made in this report are correct	and this	Repair	× F	Replacem	ent Con	forms
	ection XI of the ASME Code.				•		
OWN	ER OR OWNER'S DESIGNEE SIGNATURE	TITLE			DATE		
	tephen J. Roe	- 1	Principal Engin	eer	11/1/1	999	
	legal to		- Tirioipai Erigiii	<u> </u>	1 17 17 1		
	,						
	CERTIFICATE		CTION				
	CERTIFICATE O	r inspec	CHON				
	I, the undersigned, holding a valid commission issued b	y the Natio			Pressure		
	Vessel Inspectors and the State or Province of employed by THE HARTFORD STE	EAM BOIL	FLORIC				
	HARTFORD, CT	AW BOIL	ERTATCOMPA		ave insp	of ected the	
	components described in this Owner's Report during the	period	8-21-9			to	
	performed examinations and taken corrective measures the requirements of the ASME Code, Section XI.	described	I in this Owner's	Report in	accorda	nce with	
	By signing this certificate, neither the inspector nor his	emplover r	nakes anv warra	intv. expr	essed or	implied	
	concerning the examinations and corrective measure	s describe	ed in this Own	er's Repe	ort. Furth	nermore,	
	neither the Inspector nor his employer shall be liable			ersonal i	njury or	property	
	damage or a loss of any kind arising from or connected	with this in	spection.				
	lailer 1. Colarte		125				
	INSPECTOR'S SIGNATURE	COMMISS	SIONS (NATIONAL BOARD	, STATE, PRO	VINCE OR EN	OORSEMENTS)	-
	11-3-99						
	DATE						



## NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT AS REQUIRED BY THE PROVISIONS OF ASME CODE SECTION XI $_{\mbox{\tiny NIS2,FRM}}$

1.	OWNER	· · · · · · · · · · · · · · · · · · ·					DATE					
		P.O. Box 14 St. Petersbu	042 irg, FL 33733-4042					11/1/99				
2.	PLANT	Florida Powe Crystal Rive 15760 W. P	er Corporation r Energy Complex lower Line Street r, FL 34428-6708			Page 1 of 2						
	WORK PERF	ORMED BY (NAME)					· · · · · · · · · · · · · · · · · · ·	N. P.O. NUMBER WR NUMBER ETC				
3.	Florida	Power Corpora	tion		WR 360475							
	ADDRESS			***	4.							
	15760	W. Power Line	Street, Crystal Ri	iver. FL 3	34428-6708	3						
		TON OF SYSTEM										
4.	MAKEL	JP AND PURIFIC	ATION (MU)									
	APPLICABLE	CONSTRUCTION CODE			EDITION		ADDBNDA	, CODE CASES				
<u>5a.</u>			III CLASS 2			9 89	N/A					
	APPLICABLE		ILIZED FOR REPAIRS OR REPLA	CEMENTS	ADDENDA, CODE CA	ASES						
5b.		1989						N/A				
6.	Identific	Identification of Components Repaired or Replaced			id Replaceme	ent Cor	nponent	ts				
NAI	ME OF PONENT	NAME OF MANUFACTURER'S NATIONAL MANUFACTURER SERIAL NUMBER BD. NO.		L OTHE	R	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	A	SME ODE MPED			
COME	PONENT	MANUFACTURER	SERIAL NUMBER	BD. NO.	IDENTIFICA	ATION	BUILT	OR REPLACEMENT		MPED NO		
VA	LVE	VELAN	N/A	N/A	MUV-5	MUV-596		REPLACEMENT	1	N/A		
PII	PING	N/A	N/A	N/A	N/A		N/A	REPLACEMENT	$\dagger$	N		
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		· · · · · · · · · · · · · · · · · · ·		L						L		

Page	2	of	2
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T	WR# 360475							
	DESCRIPTION OF WORK		· · · · · · · · ·			4		
P	Pre-outage (R11) installation of the new MUV-596, 4" m	otor-or	erate	d valve an	d sub-see	sembly by	, weldin	ne
-	e datage (1117) installation of the new MOV 350, 4 In	otor or	crate	u vaive aii	u sub as.	sembly by	y welaling	y pe
M	IAR 97-02-12-01.							
<del>-</del>	ESTS CONDUCTED				PRESSURE		TEST TEMP.	
_				<del></del>	3900	psi	86	
L RE	Hydrostatic   Pneumatic   Nominal Operating Pressure   Marks (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)		Other L	N/A				
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-								
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	CERTIFICATE OF		ВΙΙΛ	NICE				
	CENTIFICATE OF	COIVI	FLIA	INCE				
c	ertify that the statements made in this report are correc-	t and th	nis	Repai	r 🗷 R	eplaceme	nt Con	for
	ection XI of the ASME Code.							
-	OR OWNER'S DESIGNEE SIGNATURE	TITLE		<del></del>		DATE		
	ephen J. Roe		Princ	ipal Engi	neer	11/1/	1000	
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	APPTIFICATE OF		<b></b>					
	CERTIFICATE OF	INSPE	СТІО	N				
					of Boiler a	nd Pressi	ure	
	I, the undersigned, holding a valid commission issued by Vessel Inspectors and the State or Province of	y the N	lation	al Board o	DA	nd Press	ure 	
	I, the undersigned, holding a valid commission issued by  Vessel Inspectors and the State or Province of employed by  THE HARTFORD STEA	y the N	lation	al Board o	DA ANY		of	
	I, the undersigned, holding a valid commission issued by  Vessel Inspectors and the State or Province of  employed by  THE HARTFORD STEA  HARTFORD, CT	y the N	lation	al Board o FLORI & I COMP	DA ANY h	nd Pressi	of ected the	ŀ
	I, the undersigned, holding a valid commission issued by Vessel Inspectors and the State or Province of employed by THE HARTFORD STEA HARTFORD, CT components described in this Owner's Report during the	y the M M BOIL	lation	al Board of FLORI & I COMP. 8-20-94	DA ANY h	ave inspe	of ected the	
	I, the undersigned, holding a valid commission issued by Vessel Inspectors and the State or Province of employed by THE HARTFORD STEA HARTFORD, CT components described in this Owner's Report during the	M BOIL e perio	lation ER I &	al Board of FLORI & I COMP 8-25-94 knowledge	DA ANY h 9 and belie	ave inspe	of ected the to wner has	i
	I, the undersigned, holding a valid commission issued by Vessel Inspectors and the State or Province of employed by THE HARTFORD STEA HARTFORD, CT components described in this Owner's Report during the 1/-3-99 , and state that to the performed examinations and taken corrective measures with the requirements of the ASME Code, Section XI.	M BOIL e perio best of	ER I &	al Board of FLORI & I COMP.  8-20-94  knowledge of this Own	DA ANY h a and belied her's Rep	ave inspe ef, the Ov ort in acc	of of the to wner has	i
	I, the undersigned, holding a valid commission issued by  Vessel Inspectors and the State or Province of employed by  THE HARTFORD STEA  HARTFORD, CT  components described in this Owner's Report during the  //-3-99  , and state that to the performed examinations and taken corrective measures with the requirements of the ASME Code, Section XI.  By signing this certificate, neither the inspector nor h	M BOIL  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period  The period	ER I &	al Board of FLORI & I COMP.  8-20-94  knowledge of this Owr	DA ANY h and belied the ser's Repeated by warranger	ave inspendent, the Overt in account,	of ected the to wner has cordance	i
	I, the undersigned, holding a valid commission issued by  Vessel Inspectors and the State or Province of employed by  THE HARTFORD STEA  HARTFORD, CT  components described in this Owner's Report during the  //-3-99  , and state that to the performed examinations and taken corrective measures with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor himplied, concerning the examinations and corrective	M BOIL  e perio best of descri  is emp meas	ER I &	al Board of FLORI & I COMP.  & I COMP.  & Towns of this Own makes and described	DA ANY ANY And believer's Repeative warrantin this	ave insperent of the Overt in according to the Overt in according to the Owner's	of of ected the to wner has cordance essed or Report.	ì
	I, the undersigned, holding a valid commission issued by  Vessel Inspectors and the State or Province of employed by  THE HARTFORD STEA  HARTFORD, CT  components described in this Owner's Report during the  //-3-9-9  , and state that to the performed examinations and taken corrective measures with the requirements of the ASME Code, Section XI.  By signing this certificate, neither the inspector nor his implied, concerning the examinations and corrective Furthermore, neither the Inspector nor his employer share	M BOIL  e periodescri  descri  is emp  measiall be lia	ER I &  d f my k bed in loyer ures cable in	al Board of FLORI & I COMP.  & I COMP.  & Town of this Own makes and described any man	DA ANY ANY And believer's Reperty warranting this mer for an and an and an and an and an and an and an and an and an and an and an and an an an an an an an an an an an an an	ave inspendent, the Overt in accountry, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, expr	of of ected the to wner has cordance essed or Report.	ì
	I, the undersigned, holding a valid commission issued by  Vessel Inspectors and the State or Province of  employed by  THE HARTFORD STEA  HARTFORD, CT  components described in this Owner's Report during the  //-3-99  , and state that to the  performed examinations and taken corrective measures with the requirements of the ASME Code, Section XI.  By signing this certificate, neither the inspector nor himplied, concerning the examinations and corrective	M BOIL  e perior  best of  descri  is emp  measiall be liar  r conne	ER I &  d f my k bed in loyer ures cable in	al Board of FLORI & I COMP.  & I COMP.  & Town of this Own makes and described any man	DA ANY ANY And believer's Reperty warranting this mer for an and an and an and an and an and an and an and an and an and an and an and an an an an an an an an an an an an an	ave inspendent, the Overt in accountry, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, exprendently, expr	of of ected the to wner has cordance essed or Report.	ì



1.	OWNER	Florida Powe	er Corporation							
		P.O. Box 14 St. Petersbu	.042 irg, FL 33733-4042					10/30/99		
2.	PLANT	Florida Powe Crystal Rive 15760 W. P	er Corporation r Energy Complex Power Line Street r, FL 34428-6708			Dogo		Of 3		
	WORK PERF	FORMED BY (NAME)				Page REPAIR OF	1 GANIZATION	Of 2  N. P.O. NUMBER, WR NUMBER, ETC	<del></del>	
3.	Florida	a Power Corpora	tion					WR 360477		
	15760		Street, Crystal Ri	ver, FL 3	3 <u>4428-670</u>	8				
4.										
<b></b> -	MAKEL APPLICABLE	JP AND PURIFIC CONSTRUCTION CODE	CATION (MU)		EDITION		ADDENDA.	CODE CASES		
5a.			14.4							
Ja.	APPLICABLE		31,1 ILIZED FOR REPAIRS OR REPLA	CBMBNTS	ADDENDA, CODE (	9 67 CASES	N/A	<del></del>		
5b.		1989 i	EDITION		N/A					
	6. Identification of Co		of Components Repaired or Replaced a			ent Co				
	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHI	ER ATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT		SME ODE AMPED
SUP	PORTS	N/A	N/A	N/A	MUH-	932	N/A	REPLACEMENT		X
SUP	PORTS	N/A	N/A	N/A	MUH-	971	N/A	REPLACEMENT	1	X
	. , ,,, ,				THRO	UGH				
					MUH-	978				1
SUP	PORTS	N/A	N/A	N/A	MUH-1	1066	N/A	REPLACEMENT		X
					THRO	UGH				
					MUH1	073				
SUP	PORTS	N/A	N/A	N/A	MUH-1	1078	N/A	REPLACEMENT		Х
					THRO	UGH				
					MUH-1	1083				
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	WR# 360477		Page 2 of .
	DESCRIPTION OF WORK		
,			40.04
•	Supports were added or modified as part of the HPI St	ystem plant modification 97-02-	12-01. Supports
	affected include MUH-932, MUH-971 THROUGH MUH	4-978: MUH-1066 THROUGH 10	)73+ MUH-1078
	anotte melade men eez, men er i inneedir mer	rovo, worr rood trinoddir ro	
	THROUGH MUH-1083.		
3.	TESTS CONDUCTED	PRESSUI	RE TEST TEMP.
	Hydrostatic Pneumatic Nominal Operating Press	sure Other N/A	psi °
	REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)		
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•	93.0085-01-10-		
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	CERTIFICATE O	F COMPLIANCE	
1-	nowify, that the atataments and in this young		Danie and Control
	certify that the statements made in this report are correction XI of the ASME Code.	rect and this Repair 🗷	Replacement Conform
	A		
ΝN	R OR OWNER'S DESIGNEE SIGNATURE	TITLE	DATE
S	ephen J. Roe	Principal Engineer	10/30/1999
	<i>F</i> '/		
	CERTIFICATE O	NE INICOECTION	
	CENTIFICATE	T INSPECTION	
	I, the undersigned, holding a valid commission issue	d by the National Board of Boiler	and Pressure
	Vessel Inspectors and the State or Province of	FLORIDA	
		EAM BOILER I & I COMPANY	of
	HARTFORD, CT	the period 2 17 00	have inspected the
	components described in this Owner's Report during 11-6-99 , and state that to t	the best of my knowledge and be	to
	performed examinations and taken corrective measu	res described in this Owner's Re	enort in accordance
	with the requirements of the ASME Code, Section X		port iii docordanec
	By signing this certificate, neither the inspector no		
	implied, concerning the examinations and correct		
	Furthermore, neither the Inspector nor his employer:		
	or property damage or a loss of any kind arising from	n or connected with this inspecti	on.
	lailer 1. lolaite	FL195	
	INSPECTOR'S SIGNATURE	COMMISSIONS (NATIONAL BOARD, STATE,	PROVINCE OR ENDORSEMENTS)
	11-6-99		
	DATE		



NIS-2 FRM

1	OWNER	P.O. Box 140				DATE		7/7/00	•	
			irg, FL 33733-4042	Man				7/7/99		
2.	PLANT	Crystal Rive 15760 W. Po	er Corporation er Energy Complex ewer Line Street er, FL 34428-6708			1				
	MUBK DEBI	FORMED BY (NAME)				Page	1	- · · · · - · · · · · · · · · · · · · ·		
3.	Florida	Power Corporation	1			REPAIR OF	KGANIZATIUI	N, P.O. NUMBER, WR NUMBER, ETC WR360542	<b>i.</b>	
	ADDRESS 15760 V	V. Power Line Stre	et, Crystal River, Fl	_ 34428-6	708					
		TON OF SYSTEM	,,,,,							
4.		Low Pre	ssure Injection							
		CONSTRUCTION CODE			EDITION ADDENDA, CODE CASES					
5a.	USAS E	331.1			1	19 65	N/A	/ N/A		
	APPLICABLE	EDITION OF SECTION XI UT	SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS ADDENDA, COD							
5b.		19	989				N/A	/ N/A		
6.	Identific	ntification of Components Repaired or Replaced a			Replaceme	nt Comp	onents			
NAN COMP	AME OF NAME OF MANUFACTURER'S NATION BD. NO.				OTHE IDENTIFIC	ER ATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	A: C STA	SME ODE MPED
									YES	NO
SUP	PORT	N/A	N/A	N/A	DHH-	595	N/A	REPLACEMENT		N
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#### **NIS-2 CONTINUATION** Page 2 of WR# 360542 DESCRIPTION OF WORK 7. INSTALLED NEW PIPE SUPPORT DHH-595. TESTS CONDUCTED PRESSURE TEST TEMP 8. °F N/A N/A Other N/A Hydrostatic Pneumatic Nominal Operating Pressure REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE) 9 CERTIFICATE OF COMPLIANCE We certify that the statements made in this report are correct and this Repair Replacement Conforms to Section XI of the ASME Code. **CERTIFICATE OF INSPECTION** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of **FLORIDA** employed by THE HARTFORD STEAM BOILER I & I COMPANY of HARTFORD, CT have inspected the components described in this Owner's Report during the period 7-30-99 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Rev. 11/94

FC 195
COMMISSIONS (NATIONAL BOARD, STATE, PROVINCE OR ENDORSEMENTS)

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	1.	OWNER	Florida Pow	er Corporation			DATE				
			P.O. Box 14 St. Petersbu	042 irg, FL 33733-4042					10/22/99		
	2.	PLANT	Florida Pow Crystal Rive 15760 W. F	er Corporation r Energy Complex Power Line Street r, FL 34428-6708			D				
	:	WORK PERF	ORMED BY (NAME)	·			Page REPAIR OF		of 2 N. P.O. NUMBER WR NUMBER. ETC	<del></del>	
	3.	Florida	Power Corpora	tion			WR 0360549				
		ADDRESS									····
		15760	W. Power Line	Street, Crystal Ri	ver, FL	<u>34428-670</u>	8				
		IDENTIFICAT	TION OF SYSTEM								
	4.		essure Injection			EDITION ADDENDA, CODE CASES					
		APPLICABLE						N/A	, CUDE CASES		
	5a.	APPLICABLE		31.1 ILIZED FOR REPAIRS OR REPLA	CEMENTS	ADDENDA, CODE O	9 67 CASES	, <del>, </del>			
	5b.		10	989				ı	N/A		
	<del></del>	Identific	entification of Components Repaired or Replaced and Replacement Components								
	6.			I	1				1	Τ_	SME
	COMP	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	IDENTIFIC	OTHER IDENTIFICATION		REPAIRED, REPLACED OR REPLACEMENT	ST/	SME ODE MPED
	·									YES	
	SUP	<u>PORT</u>	<u>N/A</u>	<u>N/A</u>	N/A	DHH-	<u>593</u>	<u>N/A</u>	REPLACEMENT		X
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	15760	W. Power Line S	treet, Crystal Rive	er, FL 34	428-6708								
4.		ION OF SYSTEM  Y HEAT REMO\	/AL (DH)		•								
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5b.	APPLICABLE		189	ACEMENTS	ADDENDA, CODE O	CASES		N. / A					
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301	PORT	IN/A	IN/A	IN/A	טחח-:		N/A	REPLACEMENT		N			
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Page 2 of 2

	WR# 360550	rage	2	OI .
	DESCRIPTION OF WORK	•		
7.	INSTALLED NEW PIPE SUPPORT BY WELDING PER MAR 98-12-04-01.			
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	REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)			
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	CERTIFICATE OF COMPLIANCE			
	certify that the statements made in this report are correct and this	placem	ent	Conform
0	ection XI of the ASME Code.			
/NE	R OR OWNER'S DESIGNEE SIGNATURE DA	ATE		-
St	ephen J. Roe Principal Engineer	11/01/	100	۵
_	Timepar Engineer	1 1/0 1/	155	<del></del>
	CERTIFICATE OF INSPECTION			
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pre	essure		
	Vessel Inspectors and the State or Province of FLORIDA  employed by THE HARTFORD STEAM BOILER I & I COMPANY			
		ve insp		Of 1 the
	components described in this Owner's Report during the period 7-27-99	ve mapi	JOIGC	to
	//-6-99 , and state that to the best of my knowledge and belief	f, the O	 wner	has
	performed examinations and taken corrective measures described in this Owner's Report in a	accorda	nce	with
	the requirements of the ASME Code, Section XI.			
	By signing this certificate, neither the inspector nor his employer makes any warranty, expressions the expensions and corrective measures described in this Owner, the corrective measures described in this Owner, the corrective measures described in this Owner, the corrective measures described in this Owner, the corrective measures described in this Owner, the corrective measures described in this Owner, the corrective measures described in this Owner, the corrective measures described in this Owner, the corrective measures described in this Owner, the corrective measures described in this Owner, the corrective measures described in this Owner, the corrective measures described in this Owner, the corrective measures described in this owner, the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measures described in the corrective measurement of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of the correction of th	ssed or	impl	ied,
	concerning the examinations and corrective measures described in this Owner's Report neither the Inspector nor his employer shall be liable in any manner for any personal inj	t. Funtr	ierm	ore,
	damage or a loss of any kind arising from or connected with this inspection.	ury or	prop	erty
	lach 1. black FL 195			
	INSPECTOR'S SIGNATURE COMMISSIONS (NATIONAL BOARD, STATE, PROVIN	ICE OR END	ORSE	MENTS)
	11-6-99			
	DATE			



## NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT AS REQUIRED BY THE PROVISIONS OF ASME CODE SECTION XI $_{\mbox{\scriptsize NIS-2,FPM}}$

## P.O. Box 14042 ## 10/30/99  2.   PAMT	1.	OWNER	Florida Powe	er Corporation			DATE					
2. FLANT Florida Power Corporation Crystal River Energy Complex 15760 W. Power Line Street Crystal River, FL 34428-6708  Page 1 of 2 REPAIR ORGANIZATION. P.O. NUMBER WR NUMBER ETC.  WR 0360551  **TIORIDA POWER CORPORATION ADDRESS  15760 W. Power Line Street, Crystal River, FL 34428-6708  IDENTIFICATION OF SYSTEM  APPLICABLE CONSTRUCTION CODE  B31.1 19 67 N/A  APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS ADDENDA, CODE CASES  5a. B31.1 19 67 N/A  APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS ADDENDA, CODE CASES  5b. Identification of Components Repaired or Replaced and Replacement Components  NAME OF COMPONENT MANUFACTURER SERIAL NUMBER BD. NO. IDENTIFICATION FAR REPAIRED, REPLACED STAMPED.  SUPPORT BERGEN- N/A N/A DHH-682 N/A REPLACEMENT X	' '			•					40400400			
Crystal River Energy Complex 15760 W. Power Line Street Crystal River, FL 34428-6708  Page 1 of 2 REPAIR ORGANIZATION. P.O. NUMBER WR NUMBER ETC. WR 0360551  Torida Power Corporation ADDRESS  15760 W. Power Line Street, Crystal River, FL 34428-6708 IDENTIFICATION OF SYSTEM  4. DECAY HEAT REMOVAL (DH)  APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS  APPLICABLE EDITION of SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS  ADDRIVA, CODE CASES  5b. 1989  N/A  6. Identification of Components Repaired or Replaced and Replacement Components  NAME OF COMPONENT MANUFACTURER MANUFACTURER'S SERIAL NUMBER BD. NO. IDENTIFICATION BUILT REPAIRED, REPLACED OR REPLACEMENT YES NO SUPPORT BERGEN- N/A N/A DHH-682 N/A REPLACEMENT X							ļ	<del></del>	10/30/99			
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Page 1 of 2 Repair organization. P.O. Number with number etc.  WR 0360551  3. Florida Power Corporation  ADDRESS  15760 W. Power Line Street, Crystal River, FL 34428-6708  IDBNTIRICATION OF SYSTEM  4. DECAY HEAT REMOVAL (DH)  APPLICABLE CONSTRUCTION CODE  B31.1  19 67 N/A  APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS  ADDENDA, CODE CASES  N/A  APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS  ADDENDA, CODE CASES  N/A  APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS  ADDENDA, CODE CASES  N/A  APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS  ADDENDA, CODE CASES  N/A  APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS  ADDENDA, CODE CASES  N/A  BD. NO.  BUILT REPAIRED, REPLACED ASME STAMPED  YES NO  SUPPORT BERGEN-  N/A N/A DHH-682 N/A REPLACEMENT X												
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#### **NIS-2 CONTINUATION** Page 2 2 of WR# 360551 DESCRIPTION OF WORK 7. INSTALLED NEW PIPE SUPPORT FOR LOW PRESSURE INJECTION SYSTEM UPGRADE. TESTS CONDUCTED PRESSURE TEST TEMP. 8 ٥F psi Other N/A Nominal Operating Pressure Hydrostatic Pneumatic REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE) 9. CERTIFICATE OF COMPLIANCE We certify that the statements made in this report are correct and this Repair Replacement Conforms to Section XI of the ASME Code. OWNER OR OWNER'S DESIGNEE SIGNATU DATE Stephen J. Roe Principal Engineer 10/30/99 **CERTIFICATE OF INSPECTION** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of **FLORIDA** employed by THE HARTFORD STEAM BOILER I & I COMPANY of HARTFORD, CT have inspected the components described in this Owner's Report during the period 7-22-99 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report, Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

10-30-99

COMMISSIONS (NATIONAL BOARD, STATE, PROVINCE OR ENDORSEMENTS)



NIS-2 ERM

						I		***************************************		
1.	'		er Corporation			DATE				
		P.O. Box 14 St. Petersbu	042 .rg, FL 33733-4042					10/29/99		
2.	PLANT	Florida Pow Crystal Rive 15760 W. Po	ver Corporation er Energy Complex ower Line Street er, FL 34428-6708			D	4			
	WORK PERI	FORMED BY (NAME)		·		Page REPAIR OF	1 RGANIZATIO	of 2 N, P.O. NUMBER, WR NUMBER, E	TC.	
3.		a Power Corpora	tion					WR 360552		
	ADDRESS	ar over corpora	1011							
	15760	W. Power Line S	Street, Crystal Rive	428-6708						
4.		MAKEUP AND	PURIFICATION	l (MU)						
	APPLICABLE USAS B	CONSTRUCTION CODE		-	EDITION		ADDENDA	, CODE CASES		
5a.			**************************************			9 67	N/A	/ N/A		
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6.	Identific	ation of Compone	nts Repaired or Rep	laced and	d Replaceme	nt Com	onents	.,,		
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DESCRIPTION OF WORK									
FABRICATED AND INSTALLED NEW COMPONENT	SUPPORT DHH-532 BY	WELDING							
PER MAR 98-12-04-01	-00								
ESTS CONDUCTED		PRESSURE		TEST TEMP.					
Hydrostatic Pneumatic Nominal Operating Pressure	Other N/A	N/A	psi	N/A	۰				
EMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)	<del></del>								
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certify that the statements made in this report are correct ction XI of the ASME Code.	t and this Repa	air 🗵 Re	placem	ent Con	for				
R OR OWNERS DESIGNATURE	TITLE	ים	ATE						
Alama Vilare	PRINCIPAL ENGIN	EER	10/30	ka					
- Grand - Company	770			(.F.1					
CERTIFICATE (	OF INSPECTION								
I, the undersigned, holding a valid commission issued Vessel Inspectors and the State or Province of	by the National Board of I		essure						
	TEAM BOILER I & I COM			of					
HARTFORD, CT		ha ⁻	ve inspe	ected the					
components described in this Owner's Report during the components described in this Owner's Report during the components described in this Owner's Report during the components described in this Owner's Report during the components described in this Owner's Report during the components described in this Owner's Report during the components described in this Owner's Report during the components described in this Owner's Report during the components described in this Owner's Report during the components described in this Owner's Report during the components described in this Owner's Report during the components described in this Owner's Report during the components described in this Owner's Report during the components described in the components described in the components described in the components described in the components described in the components described in the components described in the components described in the components described in the components described in the components described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in the component described in t	ne period <u>7-2/-99</u> to the best of my knowled		f the O	to wner has					
performed examinations and taken corrective measure									
the requirements of the ASME Code, Section XI.		-							
By signing this certificate, neither the inspector nor his concerning the examinations and corrective measu									
neither the Inspector nor his employer shall be liable	e in any manner for any								
damage or a loss of any kind arising from or connected		•	=						
Couls N. Clark	F2 195								
INSPECTOR'S SIGNATURE	COMMISSIONS (NATIONAL BOA	ARD, STATE, PROVIN	ICE OR END	ORSEMENTS)	-				
11-10-99									



### NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT AS REQUIRED BY THE PROVISIONS OF ASME CODE SECTION XI $_{\mbox{\scriptsize NIS-2,FRM}}$

1.	OWNER		er Corporation			DATE				•
		P.O. Box 14 St. Petersbu	042 irg, FL 33733-4042					10/22/99		
2.	PLANT	Florida Powe Crystal Rive 15760 W. F Crystal Rive								
<del></del>	WORK PERF	ORMED BY (NAME)				Page REPAIR OR	1 GANIZATION	of 2 N. P.O. NUMBER. WR NUMBER. ETC	).	
3.	Florida	Power Corpora	tion					WR 0360553		
	ADDRESS						·			
	15760	W. Power Line	Street, Crystal R	iver, FL	<u>34428-670</u>	8				
4.		essure Injection								
		CONSTRUCTION CODE	· · · · · · · · · · · · · · · · · · ·		EDITION		ADDENDA	, CODE CASES		
5a.	ADDITIONAL		31.1	OD ID TO		9 67	N/A			
5b.	APPLICABLE		ILIZED FOR REPAIRS OR REPLA	CEMENIS	ADDENDA, CODE	CASES		N1/A		
	اعام سه اداء		989					N/A		
6.			ents Repaired or Re	T			T	I	Τ.	eu =
COMI	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO	AL OTH DENTIFIC	ER CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT		SME ODE MPED
SUF	PORT	N/A	N/A	N/A	DHR	-54	N/A	REPLA CEMENT	YES	X
				<u> </u>			<u> </u>			<u> </u>
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#### **NIS-2 CONTINUATION** of 2 Page 2 WR# 360553 DESCRIPTION OF WORK Modified existing support DHR-54 for Low Pressure Injection upgrade. 7 TESTS CONDUCTED PRESSURE TEST TEMP. 8 ٥F psi Hydrostatic Pneumatic Nominal Operating Pressure REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE) 9 CERTIFICATE OF COMPLIANCE Repair Replacement Conforms We certify that the statements made in this report are correct and this to Section XI of the ASME Code. OWNER OF OWNER'S DESIGNEE SIGNATURE ISI - Engineer **CERTIFICATE OF INSPECTION** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of **FLORIDA** employed by THE HARTFORD STEAM BOILER I & I COMPANY of HARTFORD, CT have inspected the components described in this Owner's Report during the period /0-30-99 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. COMMISSIONS (NATIONAL BOARD, STATE, PROVINCE OR ENDORSEMENTS) INSPECTOR'S SIGNATURE

DATE



1.	OWNER Florida Power Corporation					DATE				
		P.O. Box 14 St. Petersbu	042 irg, FL 33733-4042					10/22/99		
2.	PLANT	Florida Powe Crystal Rive 15760 W. P	er Corporation r Energy Complex ower Line Street r, FL 34428-6708							
	WORK PERF	ORMED BY (NAME)				Page REPAIR OF	T GANIZATION	of 2 N. P.O. NUMBER, WR NUMBER, ETC.		
3.	Florida ADDRESS	<u>Power Corpora</u>	tion					WR 360554		
	15760	W. Power Line	Street, Crystal Ri	34428-670	8					
4.	IDENTIFICAT	TION OF SYSTEM Y <b>HEAT REMOV</b> A								
		CONSTRUCTION CODE	(,		EDITION	<del></del>	ADDENDA	, CODE CASES		
5a.			1.1	····	1	9 67	N/A			
	APPLICABLE		ILIZED FOR REPAIRS OR REPLA	CEMENTS	ADDENDA, CODE	CASES				
5b.		19	989					N/A		
6.	Identific	ation of Compone	ents Repaired or Re	placed a	nd Replacem	ent Cor	nponen	ts		
COM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	AL OTH IDENTIFIC	ER YEAR BUILT		REPAIRED, REPLACED OR REPLACEMENT	A C STA YES	SME ODE MPED NO
SUF	PORT	N/A	N/A	N/A	DHR	-52	N/A	REPLACEMENT	1	N
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	WR# 360554	raye	2	OI	2
	DESCRIPTION OF WORK				
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٠	MODIFIED EXISTING SUPPORT (DHR-52) BY WELDING PER MAR 98-12-04-01.				
4	TESTS CONDUCTED PRESSURE		TES	Г ТЕМР.	
		psi			٥F
4	Hydrostatic Pneumatic Nominal Operating Pressure Other N/A	hei			
	REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)				
I					
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	CERTIFICATE OF COMPLIANCE				
	certify that the statements made in this report are correct and this 🔲 Repair 🗵 Rep	laceme	ent	Conf	orm
5	ection XI of the ASME Code.				
E	ER OR OWNER'S DESIGNEE SIGNATURE DO	ATE			
	#\!\!\\\\!\!\\	10/22	) /1 (	200	
_	ephen J. Roe Principal Engineer	10/22	2/18	999	
	' /				
	CERTIFICATE OF INSPECTION				
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and	l Press	ure		
	Vessel Inspectors and the State or Province of FLORIDA				
	employed by THE HARTFORD STEAM BOILER I & I COMPANY			of	
		e insp	ecte		
	components described in this Owner's Report during the period 7-28-99	46 - 0		_ to	
	, and state that to the best of my knowledge and belief, performed examinations and taken corrective measures described in this Owner's Report	tne O	พกธ	er nas	
	with the requirements of the ASME Code, Section XI.	ım acc	JUIO	ance	
	By signing this certificate, neither the inspector nor his employer makes any warranty	, expr	esse	ed or	
	implied, concerning the examinations and corrective measures described in this Ox				
	Furthermore, neither the Inspector nor his employer shall be liable in any manner for any				
	or property damage or a loss of any kind arising from or connected with this inspection.			- •	
	( Alalan				
	Studingfial TN 2533 INSPECTOR'S SIGNATURE COMMISSIONS (NATIONAL BOARD, STATE, PROVI	NCE CO F	IDO DO	CLAFATO.	_
	INSPECTION SOIGNATURE COMMISSIONS (NATIONAL BOARD, STATE, PROVI	NCE OR EN	DORS	EMENTS)	
	11-4-99				
	DATE				



1.	OWNER Florida Power Corporation					DATE					
		P.O. Box 14 St. Petersbu	042 Irg, FL 33733-4042					10/22/99			
2.	PLANT	Florida Powe Crystal Rive 15760 W. P	er Corporation r Energy Complex rower Line Street r, FL 34428-6708			Page	1	of 2			
<u> </u>	WORK PERF	ORMED BY (NAME)						N. P.O. NUMBER, WR NUMBER, ETC.			
3.	Florida	Power Corpora	tion					WR 360556			
	ADDRESS					•					
	15760	W. Power Line	Street, Crystal Ri	ver, FL	<u>34428-670</u>	8					
	IDENTIFICAT	TION OF SYSTEM									
4.	DECAY	HEAT REMOVE	AL (DH)		EDITION		Lincolor	, CODE CASES			
	APPLICABLE	_						, CODE CASES			
5a.	APPLICABLE		3 <mark>1.1</mark> ILIZED FOR REPAIRS OR REPLA	CEMENTS	ADDENDA, CODE	9 67 CASES	N/A				
5b.		1989 S	ection XI		,			N/A			
	Idontifia			alaaad a	nd Danlasam	ant Car		178 B			
6.		<u></u>	ents Repaired or Re		1		T	1	Ι Δ.	SME	
COMF	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	AL OTH IDENTIFIC	ER CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	STA	SME ODE MPED	
Q! ID	PORT	N/A	N/A	N/A	DHH-	E E O	N/A	REPLACEMENT	YES	NO	
301	FORT	19/7	IN/A	19/74	DAN-	552	IVA	REPLACEVIEW	<u> </u>	IN	
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#### **NIS-2 CONTINUATION** Page 2 of WR# 360556 DESCRIPTION OF WORK 7. REPLACED EXISTING SUPPORT (DHH-552) BY WELDING PER MAR 98-12-04-01. TESTS CONDUCTED PRESSURE TEST TEMP. 8. ٥F psi Other N/A Nominal Operating Pressure Hydrostatic Pneumatic REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE) 9. CERTIFICATE OF COMPLIANCE We certify that the statements made in this report are correct and this Repair E Replacement Conforms to Section XI of the ASME Code. OWNER OR OWNER'S DESIGNEE SIGNATURE DATE Stephen J. Roe **Principal Engineer** 10/22/1999 **CERTIFICATE OF INSPECTION** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of **FLORIDA** employed by THE HARTFORD STEAM BOILER I & I COMPANY Of HARTFORD, CT have inspected the components described in this Owner's Report during the period Т 7-22-99 0 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury

or property damage or a loss of any kind arising from or connected with this inspection.

DATE

COMMISSIONS (NATIONAL BOARD, STATE, PROVINCE OR ENDORSEMENTS)

2



NIS-2.FRM

1.	OWNER	Florida Pow	er Corporation			DATE						
		P.O. Box 140 St. Petersbu	)42 irg, FL 33733-4042					10/29/99				
2.	PLANT	Crystal Rive 15760 W. Po	er Corporation er Energy Complex wer Line Street er, FL 34428-6708			Page	. 1	of	2	-		
	WORK PER	FORMED BY (NAME)			<del></del>			N, P.O. NUMBER, WR NU		-		
3.	Florida	Power Corporat	ion					WR 360558				
	15760	W. Power Line S	treet, Crystal Rive	er. FL 34	428-6708							
4.	IDENTIFICAT	ION OF SYSTEM  HEAT REMOVA		<u>*</u>								
	APPLICABLE	CONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES				
5a.		ECTION III CLASS 2				19 89 N/A / N/A						
	APPLICABLE		LIZED FOR REPAIRS OR REPL	ACEMENTS	ADDENDA, CODE	CASES						
5b.		19	989				N/A /	N-416-1				
6.	Identific	ation of Componer	nts Repaired or Rep	laced and	d Replaceme	nt Com	onents					
NAI COMI	NAME OF NAME OF MANUFACTURER'S NAT SERIAL NUMBER BD			NATIONA BD. NO.	IDENTIFIC	ER CATION	YEAR BUILT	REPAIRED, REP OR REPLACE	PLACED MENT	AS CC STA	SME ODE MPED	
<del></del>										YES		
VA	LVE	CRANE	C8443	N/A	DHV-	110	1999	REPLACEM	1ENT		Х	
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#### **NIS-2 CONTINUATION** Page 2 of 2 WR# 360558 DESCRIPTION OF WORK 7. INSTALLED NEW VALVE DHV-110 BY WELDING PER MAR98-12-04-01 TESTS CONDUCTED PRESSURE TEST TEMP. 8. 100 OPERATING ۰F Nominal Operating Pressure Hydrostatic Pneumatic Other N/A REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE) REQUIREMENTS OF N-416-1 WERE MET. SYSTEM LEAKAGE TEST WAS PERFORMED PRIOR TO THE RETURN TO SERVICE. CERTIFICATE OF COMPLIANCE Replacement Conforms Repair We certify that the statements made in this report are correct and this to Section XI of the ASME Code. OWNER OR OWNER'S DESIGNEE SIGNATURE TITLE DATE Stephen J. Roe Principal Engineer 10/29/99 CERTIFICATE OF INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of **FLORIDA** employed by THE HARTFORD STEAM BOILER I & I COMPANY of HARTFORD, CT have inspected the components described in this Owner's Report during the period 8-16-99 11-2-99 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied. concerning the examinations and corrective measures described in this Owner's Report. Furthermore. neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. lander 1. Colaile F1.195 COMMISSIONS (NATIONAL BOARD, STATE, PROVINCE OR ENDORSEMENTS) INSPECTOR'S SIGNATURE

DATE

11-2-99



NIS-2.FRM

1.	OWNER	Florida Pow	er Corporation			DATE					
		P.O. Box 140 St. Petersbu	142 rg, FL 33733-4042					10/23/99			
2.	PLANT	Crystal Rive 15760 W. Po	er Corporation r Energy Complex wer Line Street r, FL 34428-6708			Dogo	1	of 2			
	WORK PERF	FORMED BY (NAME)				Page REPAIR OF		N, P.O. NUMBER, WR NUMBER			<del></del>
3.		Power Corporat	ion					WR 360559			
	ADDRESS										
ļ	15760	W. Power Line S	treet, Crystal Rive	er, FL 34	428-6708						
4.	DECAY	/ HEAT (DH)									
	APPLICABLE B31.1	CONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES			
5a.	1	EDITION OF SECTION VILIT	LIZED FOR REPAIRS OR REPL	ACEMENTS	ADDENDA, CODE	9 67	N/A				
5b.	APPLICABLE		989	ACEMENTS	ADDENDA, CODE	CASES	NI/A	N-416-1			
	Idoptific		nts Repaired or Rep	locad and	l Donigoomo	nt Comi		14-4 10-1			
6.	l			·				DEDAIDED DEDI ACI	-n	ASI	ME
COM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTH IDENTIFIC	CATION	YEAR BUILT	REPAIRED, REPLACE OR REPLACEMENT	Γ s	CO	ME DE MPED
1 244	1.1	004415			5107	444	31/4	5551 4 654 51		ES	NO
VA	LVE	CRANE	C8444	N/A	DHV-	111	N/A	REPLACEMENT	<u> </u>	_	N
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### **NIS-2 CONTINUATION** Page 2 of 2 WR# 360559 DESCRIPTION OF WORK REPLACED VALVE PER MAR 98-12-04-01 TESTS CONDUCTED PRESSURE TEST TEMP 8. 185 TOM ۰F Hvdrostatic Pneumatic Nominal Operating Pressure REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE) PERFORMED SP-206 IN ACCORDANCE WITH ASME CODE CASE N-416-1 IN LIEU OF HYDRO TEST. CERTIFICATE OF COMPLIANCE We certify that the statements made in this report are correct and this Repair Replacement Conforms to Section XI of the ASME Code. DATE CERTIFICATE OF INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of **FLORIDA** employed by THE HARTFORD STEAM BOILER I & I COMPANY of HARTFORD, CT have inspected the components described in this Owner's Report during the period 8-16-99 10-23-99 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied. concerning the examinations and corrective measures described in this Owner's Report, Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. COMMISSIONS (NATIONAL BOARD, STATE, PROVINCE OR ENDORSEMENTS)

DATE

10-23-99



NIS-2 FRM

1.	OWNER	Florida Pow	er Corporation			DATE					
		P.O. Box 140 St. Petersbu	)42 rg, FL 33733-4042					11/1/1999			
2.	PLANT	Crystal Rive 15760 W. Po	er Corporation r Energy Complex wer Line Street r, FL 34428-6708								
	WORK PER	FORMED BY (NAME)				Page	1 CANSTATION	of 2 N, P.O. NUMBER, WR NUMBER, ETC			
3.	i		ian			REPAIR OF	RGANIZATION	WR 360733	•		
J.	ADDRESS	Power Corporat	.1011	-1		<u> </u>		VVIX 300733			
	15760	W Powerline S	treet, Crystal Rive	r El 34	<i>4</i> 286708						
		ON OF SYSTEM	treet, Crystal Nive	1, 1 L 34	420-0700						
4.	MAKE	-UP AND PURIF	ICATION (MU)								
		CONSTRUCTION CODE SECTION III CLASS	2		EDITION	-	ADDENDA,	, CODE CASES			
5a.						19 89 N/A , N/A					
<b></b>	APPLICABLE		LIZED FOR REPAIRS OR REPL	ACEMENTS	ADDENDA, CODE	CASES					
5b.		19	989	:			N/A	/ NA			
6.	Identific	ation of Componer	nts Repaired or Rep	laced and	d Replaceme	nt Comp	onents	·			
COM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	IL OTHI	ER CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	STA	SME ODE MPED	
									YES		
PII	PING	N/A	N/A	N/A	N//	4	1999	REPLACEMENT		N	
VA	ALVE	FLOWSERVE	N/A	N/A	MUV-	586	1999	REPLACEMENT		N/A	
VA	ALVE	VELAN	N/A	N/A	MUV-	588	1999	REPLACEMENT		N/A	
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## NIS-2 CONTINUATION

Page 2 of 2		Page	2	of	2
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Hydrostatic Pneumatic Nominal Operating Pressure Other N/A 3950 psig 82.3    REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)		WR# 360/33	5	"	
WORK REQUEST 360473.  TESTS CONDUCTED    Hydrostatic   Pneumatic   Nominal Operating Pressure   Other   NVA   3950   psig   82.3	DE	SCRIPTION OF WORK			
WORK REQUEST 360473.  TESTS CONDUCTED    Hydrostatic   Pneumatic   Nominal Operating Pressure   Other   NVA   3950   psig   82.3  REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)    CERTIFICATE OF COMPLIANCE		TARRICATED NEW URLESSON (FR. CURA COFF.	IDLIEC DV WELDING DI ANT	TIE INI NAADE!	INDED
TESTS CONDUCTED    Hydrostatic   Pneumatic   Nominal Operating Pressure   Other   N/A   3950   psig   82.3   REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)    CERTIFICATE OF COMPLIANCE		-ABRICATED NEW HPI CROSSOVER SUBASSEM	BLIES BY WELDING. PLANT	TIE IN MADE C	INDER
TESTS CONDUCTED    Hydrostatic   Pneumatic   Nominal Operating Pressure   Other   N/A   3950   psig   82.3		NORK REQUEST 360473			
CERTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure  Vessel Inspectors and the State or Province of FLORIDA  Employed by THE HARTFORD STEAM BOILER I & I COMPANY  HARTFORD, CT  And state that to the best of my knowledge and belief, the Owner haperformed examinations and taken corrective measures described in this Owner's Report uning the examinations and corrective measures described in this Owner's Report. Furthermore neither the Inspector on his employer shall be liable in any manner for any personal injury or propert damage or a loss of any kind arising from or connected with this inspection.  ALL ALLALE  CERTIFICATE OF INSPECTION  In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Principal Engineer  In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Principal Engineer  In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Principal Engineer  In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Principal Engineer  In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Principal Engineer  In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Principal Engineer  In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Principal Engineer  In the undersigned, holding a valid Engineer  In the undersigned, holding a valid Engineer  In the undersigned, holding a valid Engineer  In the undersigned, holding a valid Engineer  In the undersigned, holding a valid Engineer  In the undersigned, holding a valid Engineer  In the undersigned, holding a valid Engineer  In the unders	_	77011(TIEQ0201 000470.			<del></del>
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CERTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of FLORIDA  EMPLOYED THE HARTFORD STEAM BOILER I & I COMPANY  COMPONENTS DESIGNATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of FLORIDA  EMPLOYED THE HARTFORD STEAM BOILER I & I COMPANY  COMPONENTS DESIGNATION OF THE HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD, CT  COMPONENTS DESIGNATION OF THE HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD, CT  COMPONENTS DESIGNATION OF THE HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD, CT  COMPONENTS DESIGNATION OF THE HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD, CT  COMPONENTS DESIGNATION OF THE HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD, CT  COMPONENTS DESIGNATION OF THE HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD, CT  COMPONENTS DESIGNATION OF THE HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD, CT  COMPONENTS DESIGNATION OF THE HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD, CT  COMPONENTS DESIGNATION OF THE HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD, CT  COMPONENTS DESIGNATION OF THE HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD STEAM BOILER I & I COMPANY  AND HARTFORD STEAM BOILER I & I COMPANY  AND H	ΤE	ETS CONDUCTED	PRI	ESSURE	TEST TEMP.
CERTIFICATE OF COMPLIANCE  Certify that the statements made in this report are correct and this Repair Replacement Concerning the examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, section XI.  By signing this certificate, neither the inspector on price the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of t	ſ	Hydrostatic Pneumatic Nominal Operating Pressure	e Other N/A	3950 psig	82.3
CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Principal by THE HARTFORD STEAM BOILER I & I COMPANY of HARTFORD, CT have inspected to the requirements of the ASME Code, Section XI.  By signing this certificate, neither the inspector nor his employer shall be liable in any manner for any personal injury or propert damage or a loss of any kind arising from or connected with this inspection.    Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair	RE				<b></b>
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CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Principal by THE HARTFORD STEAM BOILER I & I COMPANY of HARTFORD, CT have inspected to the requirements of the ASME Code, Section XI.  By signing this certificate, neither the inspector nor his employer shall be liable in any manner for any personal injury or propert damage or a loss of any kind arising from or connected with this inspection.    Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair					
CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Principal by THE HARTFORD, CT have inspected to the Components described in this Owner's Report during the period Performed examinations and taken corrective measures described in this Owner's Report. Furthermore neither the Inspector nor his employer shall be liable in any manner for any personal injury or propert damage or a loss of any kind arising from or connected with this inspection.    Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Re					
CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Principal by THE HARTFORD STEAM BOILER I & I COMPANY of HARTFORD, CT have inspected to the requirements of the ASME Code, Section XI.  By signing this certificate, neither the inspector nor his employer shall be liable in any manner for any personal injury or propert damage or a loss of any kind arising from or connected with this inspection.    Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair   Repair					
CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of FLORIDA employed by THE HARTFORD STEAM BOILER I & I COMPANY or HARTFORD, CT have inspected the components described in this Owner's Report during the period Z-z/-99 to III-3-29 , and state that to the best of my knowledge and belief, the Owner have requirements of the ASME Code, Section XI.  By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied concerning the examinations and corrective measures described in this Owner's Report. Furthermore neither the Inspector nor his employer shall be liable in any manner for any personal injury or propert damage or a loss of any kind arising from or connected with this inspection.  **ALBS**		CERTIFICATE	OF COMPLIANCE		
CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of FLORIDA employed by THE HARTFORD STEAM BOILER I & I COMPANY or HARTFORD, CT have inspected the components described in this Owner's Report during the period 8-21-99 to 11-3-99 and state that to the best of my knowledge and belief, the Owner have requirements of the ASME Code, Section XI.  By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied concerning the examinations and corrective measures described in this Owner's Report. Furthermore neither the Inspector nor his employer shall be liable in any manner for any personal injury or propert damage or a loss of any kind arising from or connected with this inspection.  Acual Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of the Advantage of th					
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1.	OWNER		er Corporation			DATE					
		P.O. Box 140 St. Petersbu	042 irg, FL 33733-4042					11/1/1999			
2.	PLANT	Florida Pow Crystal Rive 15760 W. Po	er Corporation er Energy Complex wer Line Street er, FL 34428-6708			D					
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3.	Florida	Power Corporat	tion					WR 360734			
	15760	W. Power Line S	treet, Crystal Rive	er, FL 34	428-6708						
4.		TON OF SYSTEM EUP AND PURIFI	CATION (MU)								
	APPLICABLE	CONSTRUCTION CODE SECTION III CLASS			EDITION	ADDENDA, CODE CASES					
5a.			LIZED FOR REPAIRS OR REPL	ACEMENTS	ADDENDA, CODE	9 89	l	N/A / N/A			
5b.	AFFLICABLE		989	ACEMENTS	ADDENDA, CODE	CAGES	NI/A	. / N/A			
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VA	LVE	VELAN	N/A	N/A	MUV-	-589	9 1999 REPLACEMENT			N/A	
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				shall be liabl n or connected				ny personal	injury or	property
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11-4-	<u>97</u>									
DATE										



1.	OWNER		er Corporation			DATE						
			rg, FL 33733-4042					10/29/99				
2.	PLANT	Crystal Rive 15760 W. Po	er Corporation er Energy Complex wer Line Street er, FL 34428-6708			Page	1	of 2				
	WORK PERF	FORMED BY (NAME)					RGANIZATIO	N, P.O. NUMBER, WR NUMBER, ETC	<del>)</del> .			
3.	Florida	Power Corporat	tion					WR 360983				
	ADDRESS											
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_	IDENTIFICAT	ION OF SYSTEM		•								
4.		WATER (FW)										
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5a.					1							
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									YES	NO		
VA	LVE	FLOWSERVE	E712A-1-2	N/A	FWV-	270	N/A	REPLACEMENT		N		
PII	PING	N/A	N/A	N/A	N//	4	1999	REPLACEMENT		N		
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# NIS-2 CONTINUATION WR# 360983

Page	2	of	2
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C	DESCRIPTION OF WORK						
۱	INSTALLED NEW VALVE (FWV-270) AND ADJACENT	ГΡΙ	IPING B	Y WELDIN	G IN ACCOF	RDANCE V	VITH MAR
	99-01-02-01.		•				
F	99-01-02-01.						
L							
T	TESTS CONDUCTED		<del></del>		PRESSUR		TEST TEMP.
_	Hydrostatic Pneumatic Nominal Operating Pressure REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)	Ļ	Other	N/A	205	0 psi	96
,	TENARO (INCLODE MANOFACTORERS DATA REPORT NUMBER, IF AFFLICABLE)						
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	OFDTIFICATE O		0014		-		
	CERTIFICATE O	די	COM	PLIANCE	=		
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	certify that the statements made in this report are correct ection XI of the ASME Code.	t ar	nd this	R	epair 🖂	Replacem	ent Conf
C	CLIOIT AT OF THE ASME Code.						
EF	R OR OWNER'S DESIGNEE SIGNATURE		TITLE			DATE	
te	ephen J. Roe		Prin	cipal Engir	neer	10/29/	/1999
_							
	CERTIFICATE (	<b>7</b> E	INICOL	CTION			
	CERTIFICATE	JF	INSPE	CHON	4 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -		
	I, the undersigned, holding a valid commission issued	by	the Nati	ional Board	of Boiler and	l Pressure	
	Vessel Inspectors and the State or Province of				.ORIDA		
	employed by THE HARTFORD ST	ΓE/	M BOIL	ERI&ICO	DMPANY		of
	HARTFORD, CT components described in this Owner's Report during the		norind	7-16-	<b>4</b> <i>a</i>	have insp	
		-				elief the C	to
	performed examinations and taken corrective measure						
	the requirements of the ASME Code, Section XI.			u ( U.)	no. o i topo.t	iii dooordo	ando man
	By signing this certificate, neither the inspector nor his						
	concerning the examinations and corrective measure	res	descrit	ped in this	Owner's Re	port. Furti	hermore,
	neither the Inspector nor his employer shall be liable damage or a loss of any kind arising from or connected				any persona	l injury or	property
	Carlos 1. Welaste		E)	195			
	INSPECTOR'S SIGNATURE		COMMIS	SIONS (NATIONAL	BOARD, STATE, PI	ROVINCE OR EN	DORSEMENTS)
				<b>,</b>	, - · · · · -, · · ·		
	<i>u</i>						
	11-6-99						
	DATE						



1.	OWNER		er Corporation			DATE					
		P.O. Box 140 St. Petersbu	042 irg, FL 33733-4042					10/29/99			
2.	PLANT	Florida Pow	er Corporation								
		Crystal Rive 15760 W. Po	er Energy Complex ower Line Street								
		Crystal Rive	er, FL 34428-6708			į					
	THOOK DEDO	FORMED BY ALAMS				Page	1		2		
3.		FORMED BY (NAME)				REPAIR OF	(GANIZA HOI	N, P.O. NUMBER, WR NU WR 360984	JMBER, ETC.		
J.	ADDRESS	Power Corporat	tion					VIN 300304			
	15760	M/ Dowerline S	Street, Crystal Rive	r El 3/	128-6708						
	IDENTIFICAT	TON OF SYSTEM	dieet, Crystal Nive	7, 1 L 34	+20-0700						
4.	FEED	WATER (FW)									
	APPLICABLE	CONSTRUCTION CODE			EDITION		ADDENDA,	, CODE CASES			
5a.	ANSI B					9 67	N/A				
	APPLICABLE		ILIZED FOR REPAIRS OR REPL	ACEMENTS	ADDENDA, CODE	CASES					
<b>5</b> b.		19	989					N/A			
6.	Identific	ation of Componer	nts Repaired or Rep	laced and	Replaceme	nt Comp	onents				
NA	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONAL BD. NO.	L OTHI	ER_	YEAR BUILT	REPAIRED, REP OR REPLACE	LACED	AS	ME DE MPED
COM	PUNENI	MANUFACTURER	SERIAL NUMBER	BD. NO.	IDENTIFIC	SATION	BUILI	OR REPLACE	MENI	<u> </u>	MPED
1//	VI VE	FLOWSERVE	E712A-1-1	N/A	FWV-	260	N/A	REPLACEM	ICNIT	YES	NO N
	PING	N/A	N/A	N/A	N/A		1999	REPLACEM			N
SUF	PORT	N/A	N/A	N/A	FWH-	-535	1999	REPLACEM	IENT		N
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### **NIS-2 CONTINUATION** WR# 360984

	Page	2	of	2
ORDA	NCE V	/ITH	MAR	
SURE		TEST	TEMP.	
2000	psi	1	05	°F

	DESCRIPTION OF WORK	·					
	DESCRIPTION OF WORK						
7.	INSTALLED NEW VALVE (FWV-269) AND ADJACE	NT PIPING E	BY WELDING IN	ACCORD	ANCE W	/ITH MA	R
	   99-01-02-01.   INSTALLED NEW COMPONENT SUPI	PORT FWH.	535				
	TO OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECURITION OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECURITION OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECURITION OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL OF SECULO MENT CONTROL	OKT T VVII			·		
<u> </u>		···					
8.	TESTS CONDUCTED			PRESSURE		TEST TEMP.	
	Hydrostatic Pneumatic Nominal Operating Pressur	e Other	N/A	2000	psi	105	°F
	REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE)		i				
9.							
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	CERTIFICATE		DUANCE				
	CERTIFICATE	OF COIVII	PLIANCE				
We	certify that the statements made in this report are corre	ect and this	Repair	· 🗆 R	eplacem	ent Con	forms
	ection XI of the ASME Code.				opiacom	on 001	1011115
OWN	ER OR OWNER'S DESIGNEE SIGNATURE	TITLE			DATE		
s	tephen J. Roe	Prin	cipal Engineer		10/29/	1999	
	Variation 100		opai Engineer		10/20/	1000	
	,						
	CERTIFICATE	OF MODE	OTION				
	CERTIFICATE	OF INSPE	CHON				
	I, the undersigned, holding a valid commission issue	d by the Nati	ional Board of Bo	iler and P	ressure		
	Vessel Inspectors and the State or Province of		FLORII				
	employed by THE HARTFORD S HARTFORD, CT	STEAM BOIL	ERI&ICOMPA	<del></del>	Inan	of	
	components described in this Owner's Report during	the period	7-16-99		ave inspe	ctea the to	
		at to the best	of my knowledge	e and belie	ef, the O	wner has	
	performed examinations and taken corrective measu	res describe	d in this Owner's	Report in	accorda	nce with	
	the requirements of the ASME Code, Section XI.  By signing this certificate, neither the inspector nor h	is employer	makes any warra	anty evar	seed or	implied	
	concerning the examinations and corrective meas	ures describ	ed in this Own	er's Repo	rt. Furth	ermore.	
	neither the Inspector nor his employer shall be lial	ble in any m	nanner for any p	ersonal ir	ijury or	property	
	damage or a loss of any kind arising from or connect	ed with this i	nspection.				

FL195

COMMISSIONS (NATIONAL BOARD, STATE, PROVINCE OR ENDORSEMENTS)

Mouls A. Clark
INSPECTOR'S SIGNATURE 11-9-99



	T. "			····						
1.	OWNER		wer Corporation			DATE				
1	1	P.O. Box 14 St. Petersb	4042 Jurg, FL 33733-4042					11/04/1999		
2.	PLANT		wer Corporation		····					
		Crystal Riv	er Energy Complex			1				
			ower Line Street er, FL 34428-6708							
		Ci ystai Riv	er, FL 34428-0/08			<b> </b> _				
ļ	WORK PER	FORMED BY (NAME)				Page	1			
3.						REPAIR O	RGANIZATIC	DN, P.O. NUMBER, WR NUMBER, ETC	<b>)</b>	
ა.	ADDRESS	a Power Corpora	ition					WR 362226		
	15760	W. Power Line S	Street, Crystal Rive	er, FL 34	428-6708			•		
	IDENTIFICA	TION OF SYSTEM								
4.	E	MERGENCY FEEL	DWATER (FF)							
	APPLICABL	E CONSTRUCTION CODE	2.001.12.1		EDITION		ADDENDA	A, CODE CASES		
5a.					4	0 67		NI/A / NI/A		
	APPLICABL	USAS B31.1 E EDITION OF SECTION XI UT	TILIZED FOR REPAIRS OR REPI	ACEMENTS	ADDENDA, CODE C	9 67	<u>L</u>	N/A / N/A		
5b.				D. COLINEITIO	ADDERDA, CODE C	AGEG				
<b>JD.</b>		1	989		<del></del>		N/A	. / N/A		
6.	Identific	ation of Compone	nts Repaired or Rep	laced and	l Replacemer	nt Comi	onents			
NAR			T				<del></del>	T	Τ.	
CÖM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHE IDENTIFIC	ATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	STA	SME ODE MPED
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COMF	ONENT	N/A	N/A	N/A	EFH-5	41	N/A	DEDI ACEMENT	YES	
SUP	PORT	14//	177	1 17/	EFH-5	P4 I	I IV/A	REPLACEMENT		X
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### **NIS-2 CONTINUATION** Page 2 of 2 WR# 362226 DESCRIPTION OF WORK 7. MODIFIED SUPPORT BY WELDING PER MAR# P99010201 TESTS CONDUCTED PRESSURE TEST TEMP. 8. N/A N/A °F psi Hydrostatic Pneumatic Nominal Operating Pressure Other N/A REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE) 9. **CERTIFICATE OF COMPLIANCE** Repair Replacement Conforms We certify that the statements made in this report are correct and this to Section XI of the ASME Code. OWNER OR OWNER'S DESIGNEE SIGNATURE DATE Stephen J. Roe Principal Engineer **CERTIFICATE OF INSPECTION**

I, the undersigned, holding a va Vessel Inspectors and the State	alid commission issued by the Nation	al Board of Boiler and Pr FLORIDA	essure
employed by	THE HARTFORD STEAM BOILE	RI&ICOMPANY	of
	HARTFORD, CT		ve inspected the
components described in this C	owner's Report during the period	8-30-99	to
11-7-99	, and state that to the best of	my knowledge and belie	f. the Owner has
the requirements of the ASME By signing this certificate, neith concerning the examinations neither the Inspector nor his examinations.	ken corrective measures described i Code, Section XI. er the inspector nor his employer mand corrective measures described employer shall be liable in any manising from or connected with this ins	akes any warranty, expre I in this Owner's Repor nner for any personal inj	ssed or implied, t. Furthermore,
looks 1. black	FL 19		
INSPECTOR'S SIGNATURE	COMMISSIO	NS (NATIONAL BOARD, STATE, PROVIN	ICE OR ENDORSEMENTS)
11-7-99 DATE			



NIS-2.FRM

1.	OWNER		er Corporation			DATE				
		P.O. Box 14 St. Petersbu	042 ırg, FL 33733 <i>-</i> 4042					11/02/99		
2.	PLANT	Florida Pow	er Corporation				<del></del>			
<b>-</b>			er Energy Complex ower Line Street							
			er, FL 34428-6708							
						Page	1	of 2		
	WORK PERI	FORMED BY (NAME)				REPAIR O	RGANIZATION	N, P.O. NUMBER, WR NUMBER, ETC	ì.	
3.		a Power Corporat	tion			WR 362490				
	ADDRESS									
	15760	W. Power Line S	Street, Crystal Rive	er, FL 344	428-6708					
	IDENTIFICAT	TION OF SYSTEM	-							
4.	Feed	Water (FW)								
		CONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES		
5a.	USAS E	331.1			1	9 67		N/A , N/A		
	APPLICABLE	EDITION OF SECTION XI UT	ILIZED FOR REPAIRS OR REPI	LACEMENTS	ADDENDA, CODE	CASES				
5b.		19	989				N/A	. / NA		
6.	Identific	ation of Compone	nts Repaired or Rep	laced and	l Renlaceme	nt Comi	onents			
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COM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTHI IDENTIFIC	CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	STA	SME ODE MPED
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COMI	PONENT	POWER PIPING	760006	N/A	FWH-	151	N/A	REPLACEMENT	YES	NO N
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# NIS-2 CONTINUATION WR# 362490

Page	2	of	2
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	WINT 30243	30			1	
	DESCRIPTION OF WORK					
7.	REMOVED SNUBBER S/N 740073 FROM LOCATI	ON FWH-	151 AND REPLA	CED WITH	A "LIKE FOR	LIKE"
	SNUBBER S/N 760006 REBUILT UNDER WR 3593	310				
	ONOBBER ON TOURS REPORT ON PER TAIN 550	<u> </u>			***	
	TESTS CONDUCTED			PRESSURE	- ITT-0	T TT1 40
3.				PRESSURE	psi	Т ТЕМР.
_	Hydrostatic Pneumatic Nominal Operating Pressignment Pressignment Pressignment Pressignment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programment Programmen		her N/A		psi	
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	CERTIFICATE certify that the statements made in this report are cor			pair 🗵 F	Replacement	Confo
S	ection XI of the ASME Code.					
MNE	R OR OWNER'S DESIGNEE SIGNATURE	πт	.E		DATE	
St	ephen J. Roe	<u></u>	Principal Engine	er	11/02/199	99
	CERTIFICAT	E OF IN	SPECTION			
	I, the undersigned, holding a valid commission issu	ed by the			Pressure	
	Vessel Inspectors and the State or Province of employed by THE HARTFORD	STEAM		RIDA MPANY		of
	HARTFORD, C	Τ		ŀ	nave inspecte	
	components described in this Owner's Report durin 11-9-99 , and state the					_ to
	performed examinations and taken corrective measurements	nat to the l sures desc	pest of my knowle ribed in this Owne	er's Report in	iet, the Owne	er nas e with
	the requirements of the ASME Code, Section XI.			·		
	By signing this certificate, neither the inspector nor concerning the examinations and corrective mea	nis empic asures de:	yer makes any wa scribed in this C	arranty, exp )wner's Rep	ressed or imp ort. Furtherr	ollea, nore.
	neither the Inspector nor his employer shall be li damage or a loss of any kind arising from or connec	able in ar	y manner for an	y personal	injury or pro	perty
	lailes 1. Clarte		2195			
	INSPECTOR'S SIGNATURE		DMMISSIONS (NATIONAL BO	DARD, STATE, PRO	VINCE OR ENDORS	EMENTS)
	11-9-99					
	DATE					



## NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT AS REQUIRED BY THE PROVISIONS OF ASME CODE SECTION XI $_{\mbox{\tiny NIS-2,FPM}}$

1.	OWNER	Florida Pow	er Corporation			DATE	,			
		P.O. Box 14 St. Petersbu	042 irg, FL 33733-4042					10/30/99		
2.	PLANT	Florida Powe Crystal Rive 15760 W. P	er Corporation r Energy Complex Power Line Street r, FL 34428-6708			Page	1	of 2		
	WORK PERF	ORMED BY (NAME)	•					N. P.O. NUMBER WR NUMBER ETC	:.	
3.	Florida	a Power Corpora	tion				W	′R 0363055		
	ADDRESS									
	15760	W. Power Line	Street, Crystal Ri	ver, FL	34428-670	8				
_	IDENTIFICAT	TION OF SYSTEM		· ·						
4.		PRESSURE INJEC	CTION							
	APPLICABLE	CONSTRUCTION CODE			EDITION		ADDENDA	, CODE CASES		
5a.			1.1			9 67	N/A	**		
	APPLICABLE	EDITION OF SECTION XI UT	ILIZED FOR REPAIRS OR REPLA	CEMENTS	ADDBNDA, CODE	CASES				
5b.		1989 I	<u>EDITION</u>					N/A		
6.	Identific	ation of Compone	ents Repaired or Re	placed a	nd Replacem	nent Cor	nponent	ts		
	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO	AL OTH	ER	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	Ą	SME ODE AMPED
COM	PONENT	MANUFACTURER	SERIAL NUMBER	BD. NO.	. IDENTIFIC	CATION	BUILT	OR REPLACEMENT	STA YES	
SUP	PORT	N/A	N/A	N/A	MUH-	640	N/A	REPLACEMENT	1	X
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### **NIS-2 CONTINUATION** Page 2 of WR# 363055 DESCRIPTION OF WORK Re-installed missing section of hanger MUH-640 as part of MAR 97-02-12-01. 7 TESTS CONDUCTED PRESSURE TEST TEMP. 8 ٥F psi Hydrostatic Pneumatic Nominal Operating Pressure REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE) 9 CERTIFICATE OF COMPLIANCE We certify that the statements made in this report are correct and this Repair Replacement Conforms to Section XI of the ASME Code. OWNER OR OWNER'S DESIGNEE SIGNATURE DATE **CERTIFICATE OF INSPECTION** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of **FLORIDA** employed by THE HARTFORD STEAM BOILER I & I COMPANY of HARTFORD, CT have inspected the components described in this Owner's Report during the period //-/-99 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code. Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury

or property damage or a loss of any kind arising from or connected with this inspection.

Rev. 11/94

//-/-99

COMMISSIONS (NATIONAL BOARD, STATE, PROVINCE OR ENDORSEMENTS)

2



1.	OWNER		er Corporation			DATE				
		P.O. Box 14 St. Petershu	042 Irg, FL 33733-4042					11/04/99		
2.	PLANT		er Corporation							
۷.		Crystal Rive	r Energy Complex							
			ower Line Street er, FL 34428-6708							
		Grystal Rive	7, FL 34420-0700			Page	1	of 2		
	WORK PERI	FORMED BY (NAME)						N, P.O. NUMBER, WR NUMBER, ET	<u>C.</u>	
3.		Power Corporati	on					WR 363093		
•.	ADDRESS	Fower Corporati	OII			l		***************************************		
	457001	Al Danier Line Ct	mant Omintal Division	. EL 244	00.0700					
	IDENTIFICATION	IV. POWER LINE ST	reet, Crystal River	, FL 3442	28-6708					
4.										
		Water (FW) CONSTRUCTION CODE			EDITION		LADDENDA	0005 04050		
_	USAS E						ADDENDA	, CODE CASES		
5a.						9 67	ì	N/A , N/A		
	APPLICABLE		TILIZED FOR REPAIRS OR REP	LACEMENTS	ADDENDA, CODE (	CASES				
5b.		1	989				N/A	A / NA		
6.	Identifica	ation of Component	ts Repaired or Repla	ced and F	Replacement	Compor	nents			
	<u> </u>		T .	T	<del>-</del> _		T	DEDAIDED DEDI AGED	TA	SME
COM	ME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER'S SERIAL NUMBER	NATIONA BD. NO.	L OTH	CATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	STA	SME ODE AMPED
									$\perp$	<del></del>
COM	PONENT	POWER PIPING	740050	N/A	FWH-	142	N/A	REPLACEMENT	YES	NO N
	PPORT	FOWEKFIFING	740058	IN/A		142	INA	REPLACEIVIENT		"
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**NIS-2 CONTINUATION** Page 2 of 2 WR# 363093 DESCRIPTION OF WORK 7. MODIFIED EXTENSION STRUT BY SHORTENING, REWELDING AND RE-INSTALLATION. TESTS CONDUCTED PRESSURE TEST TEMP. 8. psi °F Hydrostatic Pneumatic Nominal Operating Pressure Other N/A REMARKS (INCLUDE MANUFACTURER'S DATA REPORT NUMBER, IF APPLICABLE) 9. **CERTIFICATE OF COMPLIANCE** We certify that the statements made in this report are correct and this Repair Replacement Conforms to Section XI of the ASME Code. OWNER OR OWNER'S DESIGNEE SIGNATI DATE Stephen J. Roe Principal Engineer 11/04/1999 **CERTIFICATE OF INSPECTION** 

i, the undersigned, hold	ing a valid commission issued by	the National Board of I	Boiler and Pressure
Vessel Inspectors and t	he State or Province of	FLOF	ADIS
employed by	THE HARTFORD STE	AM BOILER I & I COM	PANY of
	HARTFORD, CT		have inspected the
	in this Owner's Report during the	period /oj	30/99 to
11/12/ 99		the best of my knowled	ge and belief, the Owner has
the requirements of the By signing this certificat concerning the examir neither the Inspector n	s and taken corrective measures a ASME Code, Section XI. e, neither the inspector nor his eleations and corrective measures or his employer shall be liable in kind arising from or connected we	mployer makes any wa described in this Ov n any manner for any	rranty, expressed or implied, vner's Report. Furthermore,
Bruce M. INSPECTOR'S SIGNATURE C.S	Eamigh,	TN 2534	ARD, STATE, PROVINCE OR ENDORSEMENTS)
11/12/99 DATE		·	·